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<211> 1192

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. M60854

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<212> DNA

<213> Homo sapiens

<220>

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M61853

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<213> Homo sapiens

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<223> Genbank Accession No. M61854

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<213> Homo sapiens

<220>

<223> Genbank Accession No. M74715

<400> 2394

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<213> Homo sapiens

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<223> Genbank Accession No. M75106

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<212> DNA

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA
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<220>
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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. N21407

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tccaagttca aggagcagct gttttctgtt ttctgttgcc ccacagcgcc anctctgggc 180
cccttgggg                                     189
```

<210> 2445

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N21646

<220>

<221> unsure

<222> (1) .. (455)

<223> n = a or c or g or t

<400> 2445

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tctactcaaa ctataagctt ttattattgt attttacaga tcattcattc aggacatgct 60
gcatctgggg ttggcatcat ttcccttttg aatgacagaa tgtgcataaa agtctcttgc 120
ccacgctgaa ctcacacgtg cccggcagaa ggagctctca cgaaggccag ctggatgtga 180
gcttgctctg gcagcagcag tgctgtcctt gtttctgagc tgccacctat tctactggagt 240
taagggtgggt caaagctgaa atttagcttg gaatttaaag tttctaattt tatacttttc 300
attgtggtct ggtcagattt taagtctgct ttaaaatcaa aaggctactc agtcactcta 360
atatggatcc attttnga atggaaattt gggtatttac atgctgtacc tcaaatcaaa 420
gaaaagcacg cctcaatatc acgcgtaggg aaaaactagg aaaa                                     464
```

<210> 2446

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N21648

<220>

<221> unsure

<222> (1) .. (364)

<223> n = a or c or g or t

<400> 2446

```
gtttccggat tacatatatta ataacatatt tactgaggca ccatataaag ggttccggga 60
gtctctaaag agctggagct acaagaagcc taggcagggt tagagtaaca aatgtgtcta 120
tgaagagtgg ggatgagtgg catttgctgg gatattgggt gtaaagtga taaggatcatg 180
aagggtcaac agatatttat ggagtgccta gtatgtgggt ggaataagac tattatcaag 240
ggctctaaag cagtcagtgt acattttaga gtgaagaggg gcattgcagg gtgctantcc 300
tcttaagctc ctgaccggca acccaacccc gtggaaactt ggtatngccc ncttttgagg 360
gagg                                     364
```

<210> 2447

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22015

<400> 2447

```
tgtggataaa tatattagca aataaatata tttcttaaca tagtgctga ttcaagcgtc 60
tgtctgggtc agatataaat acccatgtgg gtacctaggt gctagtctcc ccactaactg 120
agggaanaag gttcccaggt ggggtcctct gccactttg ccaccacatt cacattccaa 180
atgggataat gcctgagggg ccaagagtgg tcaggctgcc ctggggtgaa tgtcaccctg 240
atgaggccca tcagctcttg tccactcagt gaggccagac ttgtgctcta atccactctc 300
ctgtgggtcc ctggcctgta tggcttatac 330
```

<210> 2448

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22107

<400> 2448

```
taggtttaat gaatccactt cctttattgc agtaacctct gtacaaagca gcaactgcaa 60
tactcaaggt taaaacatta gaaaagcatt tgtgtgacag gtatattaca gtattatcaa 120
aatattacat tttcagactt acttagcaga taatcatcca ccagagctta aatcttttaa 180
ttattttccat agtcttaaaa aatatgtaat gtcagaatgc atataaaaag aatgtaaaaag 240
gaaacctaaa atacaaatgg aataatgtaa caaataaata tttgatttca gtaactgtta 300
ataatcagct caacaccacc attctctcta aactcaattt aattcttata ggaataatga 360
actgtcaaat gccatggcat aattt 385
```

<210> 2449

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22404

<400> 2449

```
ttcttattca ataaactctt ttattctagt ccacagattt ttccattaca ataataatga 60
aaatagcact agtaatttgt aacactgagg cccaaaggga aaccctctct caaattataa 120
ggtaaatgac acaaagttga acataggggt agtggtgggc aaaaagcatt taaaatatag 180
ataacggggg caagattttg tgtgtgtgca aacactgggg ttttgttttt caggatgaca 240
ccatttttaga aagtgcata ttttgaaaac tatatgtgta attgtgacaa aactaaactg 300
tagagaaaag acaaaatcaa gcaaaaacaa aaaccaagaa accaaaagga agcaaa 356
```

<210> 2450

<211> 305

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N22434

<400> 2450

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taacaaacaa aactttattt tcctttaata caaaattaaa tagcaagggg ttttctttgt 60
acagtgataa attagaaatt tacagtacag acatcgatgc agacatactt ttgtacatcc 120
ttaaaagcag ggtccatttc ctttgaaatt tagcaattca ttcaggggcat gtgtagcagg 180
aagtttgcct ggtacctctt tgtcaaacat ctgaaagtcc cccagattgg cttcaagggt 240
cctggagctg tgggggtggc tgaggacca agaaaggcca cagagcatcc agcccactg 300
ctgca 305
```

<210> 2451
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N22854

<220>
 <221> unsure
 <222> (1)..(345)
 <223> n = a or c or g or t

<400> 2451
 tttttatagt aattcgcatt ttattatatt atcattatga atagtaaagt ccacagttca 60
 gtcctcagac aacattcagg taaatgtttt acatatgaga cacctgcctg taatgtgatg 120
 acatgagata tatatatgga tatatatata tatggatata ttttttgaac cactgngatt 180
 tactagtcta ttaaaatgcc attacncatt taaaaactga acaattacaa caatgcaatc 240
 ttcaagcaat taaaaacaaa gaattgttga gccaacatgg gagatctgct gagtaatctg 300
 gcctttcaan gtaatgncta gtggaaaccc tgttttctcc ttcca 345

<210> 2452
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N22938

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 2452
 aatttgacaa acattttattg aacacctcta ggtgccctat accagttcct ggggacacaa 60
 agctcagtga ccctgtgtcc ctgtctgggg gganaagtgt gtggctcaca gccagtttcc 120
 ctgagagcag aggagcagga agctcagtat ttcttaggca ggccgtcagt ctgaagcggg 180
 cggggtcttt gccactccgg ccccatctct cagctttctc gttggacttc gagtcctcca 240
 atacagtgtc gctggttcca aataaatagn agtctattaa tccctgaaga gtagaccctn 300
 gaacgggtga tgaagtttag gaggccagga nccccccaa ggtcctcttt tgggggcagc 360
 atcataagnt tcccc 375

<210> 2453
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N23319

<400> 2453
 gaagaggaca tcttgtaata aattttattgt attttgttac attttccact tttctcttaa 60
 ttccaactgt atactatata atcaacgctg tttcagaaat aaaatgtttc aaacgtaaaa 120
 atataaatc tgcttcttaa aagtgcatac actttgaata ataaaacata caaataaata 180
 acagaaatca gtgacacatc tcatgcactt gttctaaaaat aaatttaaaa tgtacgatac 240
 acttttcttc cagcctctag gaaagacatc ctgccttcca tattactgta caactgaaaa 300
 tgaaaacgac acagaaatca ctatccacgg tgcagttagta ataccaaagc actttgtgta 360
 cagtgtatgt acatgcagct ttcaagacaa ctacagaaat tccagtgtaa aaactgaaga 420
 gttcaatcaa gaaacgactt at 442

<210> 2454
<211> 490
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23665

<400> 2454
tttttttttt ttttttttta cagagtggga aacaacttta atgagaaacc cagtttccca 60
gtttcccttt catttcaaga ctatgacatt cgcacttctt tgagggtctt cattgcctag 120
gtggcctttt tctttagatt aggcatctct agagctctgg gcatgggctt gtcttggcca 180
aaatgtcttt tagcaaagta atcatatatg ccaataggaa atagttagca aggcatatcc 240
acaagtaagc gcctttccct ggcgtgtaat aggcaaaagg gctcttcgcc aagatagcat 300
gctggatgtc ccgcagcacc ggagagaagt ccttgctggc taacgagttg atcaatagga 360
ggaaattccg ctgtgctaag atgtagtcct ggccgtagtc ttcctgtacc tcagcgggga 420
ggtggtccag aatgtccttc tccagctttt cccacttgct actggtgcct gcgatatttg 480
ttaagaagcc 490

<210> 2455
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23730

<220>
<221> unsure
<222> (1) .. (375)
<223> n = a or c or g or t

<400> 2455
tcgcattcaa cttaaagtnt taacatngac aatgtcttgg aacaataagc aaacaatgct 60
taaatttttc attcaaattc actttccaca tgtcaaaaga cctcaaggta gaaaaaaata 120
aaataaaaaat ataaatatct gagaatccat cttaataaat aaattaaaaa cncnnnccaa 180
cgttttcacn nccccntggt aatgtcagaa cattcagacc acctcaacaa tgcattgatca 240
gtaacattac aatgaacatt gatgttgaag aaaaactaca gtacatggat atagctattt 300
atttctatct accagaaaat aaagtcgtat cttttcttag tataatatg gtcattttcta 360
atcagaacac actat 375

<210> 2456
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23761

<220>
<221> unsure
<222> (1) .. (419)
<223> n = a or c or g or t

<400> 2456
aaagatgata aatcattaag tttataacac atagagagta taaaccaaga aagtaaattt 60
atttaaatta ctaaaatagc ttttaaagtc atttacagat cagctgctat aattattttt 120
cctgaaagac ataggtaaca tattactttt aaattacttg ggtcaatgaa acatttaata 180
aaaacatttg tttctctata taatacgtat gtataaaata agccttttca aaaactctgg 240
ttttcataat cctctataaa tcagatgatc tgacttctaa gaggaacaaa ttacagtaag 300

gggtatacat ttatgaatac tggtagtact agaggaaaga cgttaaacca ctctactnac 360
cacttgtgga actctcaaag ggtaaatgac aaagccaatg actgactcta aaaacaata 419

<210> 2457
<211> 593
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23817

<220>
<221> unsure
<222> (1)..(593)
<223> n = a or c or g or t

<400> 2457
ttttatacct ttatcttctt ggaatggtca gattctgaac tggacagtca gaaccacagg 60
tctgctgtta agggatttta aattgtgcat ttttaaccct acagtgaaat aacttaagat 120
atccctgtgt tcacagtgtg aggggctgtt ttatgtcatg ttggcataaa ttgttttcta 180
aaagggaaag tggtttctaaa ggtgtttcag cgcttgtgct gatacaaaag aagttattac 240
tttgcaccag gtggtttggc cactgaatta atactgtata gcaagagaaa caatcttatt 300
tttttggaca acatgtttta ttaagttctt catttctgtt gatttttttt attgcattta 360
tgattcagtg gctgggaatt gagaatttat ttggaatagg aataggtaac acctccagcg 420
gtacctatag aaaatgcact ccagctccaa ctgcctggtg gtttnaaaat acacatttta 480
aaaccccnct tttaccgnca cctaaccatn aaagtacctc cttcctgggg ttggtaacca 540
tggtgggtag gncccgnggt attggaatag cccatggtta ataaaagccc aaa 593

<210> 2458
<211> 490
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23868

<400> 2458
tttttttttt taaatgacca ataaatattt taatcactgt taaaaaaaat aaaaaccttg 60
tactcctacg acttactccc tccttgtctc caccactcc tccatgagaa ccgagttggg 120
aatttccacg ggaagtcggg ggtggcgggg agagacaggg tagaaataaa gagcgcaccc 180
ttgagagggg gtaggttcta ggacaagggt ggggctcaaa ggccttgtct ccacgacaac 240
acaaacacag acttcaggca cagactacaa ccacctgacc cctgaccctg tgactgcagg 300
atgttcaaca cgccccctct cctcctctcc atgtgcaatc tactctgtgg agcagggggct 360
tcagtgtacc catcagaggg aaaggaaggg tttagttctg gaaatacctt gggggggagg 420
ggttgagtag tagaatgggc ggtgatggt gaaactgtgg ttccccctcc agaatatata 480
caagtccaca 490

<210> 2459
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N24879

<220>
<221> unsure
<222> (1)..(425)
<223> n = a or c or g or t

<400> 2459

aanaaaaggc cctcaaatat atacagacaa aaaattactg tgaagatttt ttcgggaaaa 60
gctaccaaatt tcagtgttgt gagaaaaact ggtaaccatg cagaaatttt aacatctatg 120
aatTTTTTTTT ccaaaataca cacatatTTTt tttaaaaaag gaattctgtg tcaagtataa 180
ctcaaaaataa atacaaattc acaagtagaa ctattgaata cttcatatgg ggtaaacacc 240
attatctccc aactagatcg cttagatctac caactgcaag cgattgtccc ttttgaacgt 300
actaaaacca cacactttcc catcccctgg gctcctggcc ctctgagcac ttaattctca 360
atggggcacct ggctgcatg gcaggggggt ttgctgacca caagagagtt cccagttca 420
gccag 425

<210> 2460

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N24899

<400> 2460

gttggttgaa aaacatttat tgcaattcag tgtcaaaagt tttttacaaa aatatgccac 60
cgtctggtag aaacaactat aaaaaatcag ttcattcatg aagaaaagtg tgcaaataat 120
ttatacagaa ggactcagct cacacaatat taaataaaca tctctgcatg taattgggtc 180
aactttatgc tttagttaca atgttcaacc ccctctaata cttttcattt aaaaaagtac 240
attaaagctt ctaagcttag gacacaggct gtaatatagc cccactttag ccatgggtgat 300
tggtcatttg tagaataaag attggcacca aggattccca agtatagaat acagcttgga 360
gccttctgct taacagactt gtgcttcgtt aattaaacaa acacatctat actcaaagac 420
agaaaaagtc atgtttaaac tccagaaata atgt 454

<210> 2461

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N24973

<220>

<221> unsure

<222> (1)..(454)

<223> n = a or c or g or t

<400> 2461

cctgatgata tttatttcat aaatgtaatt atttttctaa aacatattaa aatagaaaac 60
atgttctttt aatcaatcaa tttatacaaa gaaaatacca atatagtaat aaaaatactg 120
aaaatatatg aaaagcacca gaacattaga gaaattacac tggcaacaat tctaggaata 180
tatttttttt tgtagttgta caataaagtg ctattaaatc cagtcaaaat tagtggcaat 240
atataaaaaac agttatggta gtatgaaatt tgaggccagg tttaccagca atcgcatTTTt 300
taggctactt gcagatcaag gtaatgatat ttcactaatg ctttcatgga aaatctattt 360
aatttccatt cctaagtga aacaaatatc taaatctaaa tgggttgggtt ccntgggtaa 420
tttgggtcnt gaatagggta atggacntgg attaaaaata aaa 463

<210> 2462

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N25082

<220>

<221> unsure

<222> (1)..(454)

<223> n = a or c or g or t

<400> 2462

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agacgggctt ggtgacccgg acccggactc tgtgtcagc atcctcctct gtagggtggg 60
gtgatggggg aggccttttg gggacaaccc tctttttctt gtgcttcttc accagctctg 120
gactctgttt ttctccagc cttttgatga gtttggtgag agtggatgtg agagccagca 180
ttgcccgatc ccgctctgac tcttctttca gcccatctgg gtccagctct ttctctgtct 240
ccgaacggag ccggtctcgg tctgacggaa gcaggatccc ttccagttcc ttctcaaatt 300
ctcccagtaa ctgccgttca tctctatctt catctctatc ctcatcctca tctcctctct 360
cttccatctc tctctggcgg ttctggatca accctttcct tctnccgggt ncctctgaag 420
gaattctgga aggaataatc caaagggtgg tctt 454
```

<210> 2463

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N25193

<400> 2463

```
cttaaatatg tcttttttta aatgtttgca agaaactcta agggctaagg aaatgcactg 60
cattatgatc tgggctcctt agagtacaaa cctcaccagg cttaagcatc atccataaga 120
aatggtggat tacttaatga cttataagta aaacagtcac taaatcgatc ctttcatact 180
ttaatcctct tatgcagaga ctgagatact tccatacatt ccaatatctg caactttggt 240
tctattaaag tatttgataa aagcaaaaaca attttgtagc cacagaactc tatggaaactt 300
tttttccttt taaagtgtca ggtgaaccta gcgtgataag gcaatgttgc ctacacatcc 360
gcgaccacgc acaggaggga cagcacagac agggcatggt ccagctcacc atttgttgta 420
taatactgac tcccagccag gggtaacact ggct 454
```

<210> 2464

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N25262

<220>

<221> unsure

<222> (1)..(450)

<223> n = a or c or g or t

<400> 2464

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gagatggagt ctctctctgt cgccaggctg gagtgcagtg tctctttaaa aaatgtgggc 60
caggtgcagt ggctcgcacc tgtcatccaa gcactttggg aggctgaggt gggaggatca 120
cttgagccta ggagttaaga gaccagcctg ggcaacatag actccacaca aaaaaatttt 180
tttaattagc tgggtgtggt ggcattgcacc cggccttacc aggctaattt ttaaaaacat 240
gcgtttttta ttaccaggat ttacctgata aaactactct ttgtcaaggt tgtaggactt 300
ctgaaaagac agaactaagc tttgttgctt ttcacgaagg acagatcagt tccgtctgta 360
taggctataa gcaggtaagt agtgcaactc attgggtgaa gggaatttct gttggtttgg 420
aaagcccaac tatagctggc tngcatggan 450
```

<210> 2465

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N25969

<400> 2465
 aaatataaaa aggtagctaa acacaaagta cagatcagaa accctcattt aatatagatt 60
 attttggaaa ttaaaaaatt tgtaacaagg tggctttctt acccacccta aaatgtaaat 120
 aaaacctctt cccagattt atacttcata cttggtaaca acctaaaagt ttttcaaata 180
 tatgaaaaaa atctaccatg accaatttaa attacctggg aaagggcagg agaagggatc 240
 aataacagag tcagtttagt gcacacagat ggaaaaatgc ttgcagtcac tcccaaatat 300
 aaccctacat taccttatat ataaatcaca atgaaaataa aagtgcctac attacagaac 360
 tgtgaaattt tggtttaaaa aaataataaa aataaactgg tggggtatca ttggaataat 420
 ggta 424

<210> 2466
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26184

<400> 2466
 ttttttttgg agttgcatac attttttttt aatccaaaga agtaagcctc ctaagtattg 60
 cttagacagg tttatcagaa ttaagtaggc acaacactca tactttcaga aaagcatttc 120
 cagccagggg agtaacgtgg cactcaccag catgatgtct gttttgcca cttgctgaag 180
 aacgagtaac ctgaaatgaa ggagcgagaa tcccaccctc agcccccaa cagcttcctc 240
 agcttctttt tcttctgagt caccctgaa acagtcgctg catctaagac cagcctcggg 300
 ctaaacccag ctggcctgaa ggctcaactc acatcaaacg gagctgggag tcgcttttgc 360
 gtgtgtccgc agtttgaaat gtcctctccg aaggtggaag tgggggaagc aggtgcgctc 420
 cgggatgaag tgcagggagg caaactctgg ctg 453

<210> 2467
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26186

<400> 2467
 ttttgagttt catcaaaaga attttattta cagcttttate atccatatgc cactaaaatt 60
 cacctgtttt ctttcaacct gcaactcattt tgattgcctg gaactctgga ttttaattctt 120
 ccatcccact ttgtatcttg cattcacttc actctctctc cagcttttat tctttctttc 180
 tctttcccta ggtccaatgc acttgaccca actcacatgc gtggactccg ggaaggtact 240
 gtcctctccc tccaaattct gagcagtaaa atgccgcccc ggggactgg ggaacagaaa 300
 ggaatgagac cccaacaggc agaagccaag agagcgggga ggagccatgg cgtttctggc 360
 ccaggatgca ccacgcctgg gacgtgctcc cccgaattcc cagtgtccag gtggcccata 420
 tggccaaacc tcagggg 437

<210> 2468
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N26904

<220>
 <221> unsure
 <222> (1) .. (445)
 <223> n = a or c or g or t

<400> 2468
 aagtttttta aaatttatta tttattattt ctttttgcctc ttgtttcggt tctcttccctt 60

Table 1

Sample	Temperature, °C	Time, min	Yield, %	Structure
1	-78	60	90	
2	-78	120	85	
3	-78	180	80	
4	-78	240	75	
5	-78	300	70	
6	-78	360	65	
7	-78	420	60	
8	-78	480	55	
9	-78	540	50	
10	-78	600	45	
11	-78	660	40	
12	-78	720	35	
13	-78	780	30	
14	-78	840	25	
15	-78	900	20	
16	-78	960	15	
17	-78	1020	10	
18	-78	1080	5	
19	-78	1140	0	
20	-78	1200	0	

<211> 434

<213> Homo sapiens

<223> Genbank Accession No. N27186

<221> unsure

<223> n = a or c or g or t

ccattcaaga	acccaaaggc	ttttatTTTT	atTTTTTcaa	aatagaagta	cctTTTTTcc	60
ttttattata	caagtaacat	acttacggtc	aagtcagtc	aatattacat	aaatttatca	120
tgcggaagg	gaaaatcacc	tataacccaa	ttcctcagag	ataactgctg	tcagaatatt	180
atttcagagt	tctgctatac	acaaatacgc	atgTTTcaat	gggtacttcc	agggaccgca	240
tggagatccc	ttaagttgaa	actggacaaa	cagaacagtg	gatggttcta	gctgagatct	300
gggatgatTTT	ctgaattcag	aagtgttcac	cagccacatt	gcattgatta	gctgggaacc	360
atatatgaaa	ctacgatact	ccagctnttt	ctaacctaca	aacacagtga	ttacatatgg	420
gctcaactta	atgg					434

<211> 429

<213> Homo sapiens

<223> Genbank Accession No. N27334

<221> unsure

<223> n = a or c or q or t

tttttttttga	gtgtggccct	gntattttat	tccatgtgct	ggccctgggg	accagctgg	60
gccaggtcga	cgccctggg	gagacagtgt	ggctcggcag	cctcagtggc	ttctttgggg	120
tgcaggaggg	ctttgggggt	aaggctgggg	aggaacagga	agtaaagtgc	ttgcaggggc	180
cctcggtttt	ggccaagcca	ccctccctgc	tccggggcgg	gccagacgga	acacccctgg	240
gctgtgaaac	aggactctcc	agggcccagc	aggcctgggt	gaggggcaca	tactggctgg	300
caggctaggt	tccaacacc	cgcagccacg	gaggctctgg	cggggctggg	ggccggattg	360
aggggtgagt	ccagaaccga	ttgtccgctg	attgtctgct	tgtctggttc	gtggctgtgt	420
cggtctcttc						420

<211> 445

<213> Homo sapiens

<223> Genbank Accession No. N27524

<400> 2471
gcaatcttct atttttatct ttttaagctc atcaactatg gttagtgtta gtgtgtttta 60
catgtggccc aagaaaattc ttccaatgcg gtccaggga gctaaaatat tggacacccc 120
tgcctagggg aacttgcttc gtctacttgg ttagttgtcc taattgcatt ttacctgcag 180
tccaaagggt attttagatg atagaactgc aagaacccca aacccaaaga aagaatcggt 240
gaagtgggtg ggagaggagg tcatttctga gatacatttc caggagaaat acaagtttga 300
gagaaggagc tggtagttac tgtgtgcaag tgttttctt tgatggggaa ggagtagttg 360
gcaaagggac aggaatctgt gtgtacattt cctgctcctg tttccttaac caccatcctc 420
agggcatctc tgggcacctt ggggt 445

<210> 2472
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N27563

<400> 2472
cagggcaggg gacctaattg aggaaactta ataaaccctt gcattgatat aatgatctgt 60
caggttttca tttgaacagt tctccaacat tctctgaact gccaaataaa ctgaatctaa 120
gccctatctt ttcttatgct aaagtgtgaa tgattctgga ctatcttact gggaaaacat 180
ttcctaacaa tgttttttaa agtcataagg tcaaaactgc agttataaga aagaagggtg 240
aatgcagtgg ctcatgcctg tagttccagt gctttggaag gctgaggcgg gaggactact 300
tgaggccaga agttcaagac catcctaggc aacacagcaa gacctgtctc tacaaaaaaa 360
aatttttaaa ttagccaggt gtgacagtgc agaaagggtg ggtgagagga gcacttcagt 420
tcaggagttt caaggct 437

<210> 2473
<211> 513
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N27670

<220>
<221> unsure
<222> (1)..(513)
<223> n = a or c or g or t

<400> 2473
ggtgttcgag aatgggaaat gcagttttaa gaaaaatatg attatgtagg cagactccta 60
aaaccaggag aagaaccatc agaatatata gatgaagaag ataccaagga tcacaataaa 120
caggattgaa ctttgtaaac aaccaaagtc aggggccttc agaactgcaa ttcttactcc 180
ctttcacaga ctgtccggag tctttgggtt tgattcacct gctgcgaaaa acattcaaca 240
aattgtgtac aagataaatt aatctcacta tgaagatttg aataactaga cattatctat 300
gctgccaaac tcatttggtg cagttggttg taatgtctag tggggcttca tcactctgga 360
aagaaggaga caggggattt ttttaaagag caagaaagtc accaatatta cttctttcct 420
tccttttttc ccttctttcc tttcctcctt tctcctttcc tttccttttt aaaatatatt 480
ggagnccacc aggatatggn atttgctacc cca 513

<210> 2474
<211> 483
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N27834

<400> 2474
 taatgttcaa gatttttttt ttctttcttga gcttgccctag cttagcttca ttgtataaag 60
 ttaaacttca tttcttttaaa ataatacaaa gccatcagag tttagtaatt gtattctttc 120
 tttagtatt tacttatcta ataagaactt tatgttttagc ccatttcctt taacttaaaa 180
 acaaacactg ccttcattgt accaaattac tcttcacaat catggttcat ttaattctgg 240
 gggttgtcag gagagagctt aattaaacca gtatgaactt agatttccag agccaagtgg 300
 tttcggcttg cacatcaagc cacaatcgtg attttccacc agccatgttt acagtagcca 360
 aatatcctcc tcaaaatgtc ttattgtagt cagaattgtt gtggtaaact aaatccttag 420
 taggaagtca tatcccttca aaaatctaag atgaagtaac tataaaaaga cgtgtgaaaa 480
 cac 483

<210> 2475
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N29319

<220>
 <221> unsure
 <222> (1)..(473)
 <223> n = a or c or g or t

<400> 2475
 atgtcttcag aagtttaaca gtgatacaac tttggcacga tacagattaa aacaatgtcc 60
 ttagaaaaacc taagtacaaa gaaaatcatt cttcctctcc tgcttgggtg cacacttcct 120
 cccgaatctc agccataaaa agtccaaccg ttggcacaga tcgttctcct gggtatacat 180
 taataaaaagg gcttaggatt ttatggatgg ctctatataa aaaaaaagtc cttgtttgtc 240
 tcacgtctgg ggcataattgg tgggaactgg ctgcaaaagt cttcatggag ttccagagat 300
 agactttgcc tccaggaaat ctgagtcctc tccctggctg gcaccactaa ctagtatata 360
 agtctaaggc atgtggctgg aacctcacta aagcctcagt tttgtaaaat aggggataat 420
 aatagttgcc cttctcccn tactctaatt aggcaatgct acacaatctt ttt 473

<210> 2476
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N29353

<220>
 <221> unsure
 <222> (1)..(474)
 <223> n = a or c or g or t

<400> 2476
 caatgtagct atttattata tttttaattg gtatttccta atctgagaaa gtccatatat 60
 tcaacattta tttcgctcta aataatggga taacaattac attaaactttt gatttatgtt 120
 ttactgggtca tgatggaccg actactataa caagcaacc ccaacatttca gtgaattaat 180
 acagagttaa ttgctcattt caggtcacag ttcagtctaa taatgtattg ggtggaggaa 240
 gatgggatct gtcctatgca gtcatttang gaatctaggt tccttccatt gtgtgatatt 300
 atgatcttta ggcgttggcc ccaggttct tgtagagagg aacagcagag aggagaagcg 360
 gaaaggagcg caagaaatat tattccgatg ttgtaccca gggacacgga gaagaacaat 420
 gtttgttgat gacattagtg ctgtctgcta tagtattttt ccccaactga ttag 474

<210> 2477
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. N29484

<220>
<221> unsure
<222> (1)..(289)
<223> n = a or c or g or t

<400> 2477
agagggttgat aaatgctttt aatccccaca ttccacacac gggggacgct gtcattcaca 60
ttttcatatt tctgttctgg tcgcagtctg tgtcctcacc accctcatga atgagggact 120
ttgatagatg cctgggtttg tgggctctgc ggtactggga aggagatata caaaggggtcc 180
tcggaggagg gtgtgggana gctttgaagg ggacaaccac tgcngacacc tggaggggag 240
ctaaggggaa natcctgaga ctttaangag acattggaat ggcttgggc 289

<210> 2478
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N29543

<220>
<221> unsure
<222> (1)..(485)
<223> n = a or c or g or t

<400> 2478
tcagaaatTT tcaattttat taatattcaa tttacgtaac aggctcaaat tttattaatt 60
gaattctgca tccatacgaa tttagtctta atttataaag caacttactt cgatactctt 120
ccttgaagta tgttataaaa tacaacgttt aaataaacat cacaaaaata ttgtttgtcg 180
atcatttttg tgactttaac agagaaatct tcaagtttat aatccactca ttcttgctta 240
cagccagaca ctacataaat ccttaccaaa acaaaacaaa cccaggtagg ttcactgtta 300
cccctaggta tgcttcggtg gaattcaccc agagaaaccc attttccctc taacgggagtc 360
caattacttt ccattctcta caggcatctc aaaaatggac tataataatg gccatgtggc 420
tttgggggga ctctgggaga aaaatggaac atttaattaa agggcaatag ttggttcaaa 480
cagng 485

<210> 2479
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N29740

<400> 2479
ggaaataagt caaagcattg tttatttatg acatattttac atattttacaa aactgatttt 60
actcaatata tcatcctgcg taatatcata aaatgaacac catatcctgg gaataaaaaat 120
ccatatttct taataattta tgtatagccc aactttttaga acatagaata ttatcaattt 180
ggcttcccaa actacaaagt cctgtttata attttttcta gccaaaggaac agagtagatt 240
caacagcata ttaaagtaat ttagttaacc ctgagtaatt actaacttgc ataattttga 300
atggatcgta tataacacac tttcatctgc acttagatac ttatactatc acactacctt 360
tttgtattta tccacctcaa ttttcaactt catt 394

<210> 2480
<211> 399
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N29742

<400> 2480

```
cagaggatct ttacatgttt attaaatctg aatttgaaga tacattccaa tcttgcataa 60
agtgtttgtt gggctttttac attacgtaat taaaaaaacaa aatttttttaa ccaattttat 120
gtgccatgtc acgttttaatg ctatcttgtg tgaccagatc ccaccagtaa tgacaaaact 180
gtcttaaacc tcattttttt tttttttttg agacaagagt ttcactcttg ttgcccacaa 240
gagagcaatg gcaccatctc gactcactgc aacctctgcc tcccagggtc aagcaattct 300
cctgcctcag cctcccaagt agctcgggat tacacgcatg cgccaccatg cctgggtact 360
tttgtatttt taatagagac aggggtttctt catgttggt 399
```

<210> 2481

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N29764

<400> 2481

```
atctgtaata gtttatttta aagactttac atttacaagt agaaacaaca tgtgttatct 60
gtgggtaagg tagagcagga actctaatac aagggtgggg gagatcagtt gggtccttca 120
cagaaaataa gcctgttgtg tgggcatctt gcttgccctg agatctttgt tcccagttca 180
ggagggtttt attcagtgtc tgcttcattt actggaaaag ttcactgggc ccacctgtca 240
actccttccc ccacagcttc cagctcagca gcaaactgta gggaacagat ttactcccca 300
gttcctactg taaataatgc tttaagaaca gcattccttt tggacagtat gtcatagacc 360
caatttttaa tactccca 378
```

<210> 2482

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N29888

<400> 2482

```
ttaaaacaca ttaaaaactt tattgtaagt atcaacatct aaatttgcac caatttgata 60
catcgttgct cattttgcag aacataacag ttgcacattg caagagtcaa cttgcttcgg 120
gtcttttcat gctcatggcg gtccaccctt gccttccttc tccctgacct gcatcctgtc 180
ctccacagtc tgccctgcct cctgtcgcca cagggtgaag acccaagccc tgaggagAAC 240
ctgctgccag ggggctggct ggctgcgagc a 271
```

<210> 2483

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N30436

<400> 2483

```
ctttaatat gaattttatt tctggttata gaaacaaatg ctaagaggag aaacaaaact 60
tccccatcca catacaacaa tttaatagat aaaagaacag ttaaaataaa tgaaaaacaa 120
aaagtagaaa ttttaaactt tgttatagct ttaaaacatt aacgtctgat acaattagaa 180
atcacattca gatctcaaac tcttaaaaaa aagtatggct cttatttaa aaaatactgt 240
atcccaactg aaatgaaaac acagggttgc tgctgttgac atgggtgggg ctgtcccttc 300
ctctggtgtc gtgcgtgccc cctcccgggt ctggggtgca gccacacccc ccgcgcgggt 360
ttctgcactt gtccctggggg gacgggggac tctggatggg ggccacgggc ggacccccac 420
```

tccactg

427

<210> 2484
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N30856

<220>
<221> unsure
<222> (1)..(585)
<223> n = a or c or g or t

<400> 2484
gattaaaaag agaaaatata ctgtaaaaata tttattttaat aaaaataatt ttataatcta 60
tacagaattg aataaaaagt acaacaaatt attttcactt atttacaaaa ctgcatacag 120
tacaacttgc acattgagtt cagcattcta taaatatggc cacataccaa gatgtgaaca 180
tattcttgtc ttatataaga aaaggctcag gttgtatgcc acaaactttg aattaaattc 240
cagggaaata ttgcttttggg aacatgaaca atttgtacca cattccatta aaaaaagatt 300
taataaaaatc cctcaaacag cactttttcta cttgtttcgg agtacacaat tcccaaatta 360
gcacaaacaa aacaaagcaa aaaaagaaaa acagacagaa tgtaaaatgn aggttgctac 420
ttttatgata tcacttcctt tcccttcct tagctagtgg tcctttccct tcccctaata 480
gtaagggtag gngaattgaa atggcctatt cctatcccca tccatttgcc tccaggatcc 540
ctgcttaacc naatgnggta tggtcgnctt ggccacctgn cacc 585

<210> 2485
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N31570

<220>
<221> unsure
<222> (1)..(408)
<223> n = a or c or g or t

<400> 2485
ntgaaaaaga ggtgcttttt actctagtagt tccttgttct gggatcactt aatcactatt 60
tcgatgatga aggaactctg aactcctaag caaaccatgc catgacatac tttatatata 120
tgcacaaaag ttggataaaa cacaaaacca gcattttgac aaattcactt taaaatgttt 180
tccacatcaa ctacttaaaa gaagttacag caatatgagc ttccactgct caggaagaca 240
gagtgaactt ggatagtagt aatattaaaa acaaacatac agagcacctg ggtctggact 300
tgtgggctaa agaaatgctt cctgaatttg tccgaggtga tgtgttgagc aaccgtgcca 360
cagttcacca gcagtgaac tctagttcct cagtatatte ctgttgtg 408

<210> 2486
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N31597

<400> 2486
gttaaatattt tttatatata aaagtggcat gaacttttta tgtagaacaa aaatcttggg 60
aaggcaaaat tggataaaac cattaaaaca gaaatagagt gcttcaaag aatcccatca 120
ccttgtgatg tcccttatta acagtctcta aaccaatacc agataccaga acagtccatc 180

```

ctaaagaacg agcagcagtc cagggcctcc acgctacttc atgcaataac tgttttaaatt 240
aagccagcag gacctgtttc ctttggtataa gctacaactt ctgaagcatt acagtctctc 300
tagcacggtg ctcaatcaca gcacttgagg cacctctctg cataaaggca aacaaaaacat 360
tgcctaagga ccttgcaatg ccacccttgg agggcttaca aaacagtagt ta 412

```

```

<210> 2487
<211> 422
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N31598

```

```

<400> 2487
taaagatttt tatgtctttc agctttgggt attttgaat aaatatcata cttcttcaca 60
taaacctact tgggtaagaa tgatttctct gcacatgcct ttttttcttt tagcagctgc 120
tgagtgtttg ttgagtgcag tacaaggcac acctccaagt gttctgtaca gcatTTTTat 180
tgatgtacaa aatagcctgt tcaccattca aaaacgtaat ctgcatagta agagtttctc 240
ttatccctat ttacagagaa ggttttttagt gcaaaaacat gaaattgtgt cccagccac 300
cccttctagc acacgcattg atcagttttg ttccatgctg gccgggggtt atttggtat 360
attttgggcc tccagccatt aatgaattgc attatcttct tcacctggca atttgctcaa 420
tt 422

```

```

<210> 2488
<211> 276
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N31741

```

```

<400> 2488
tttttttttt ttttggcgac atagtatttt attttcttag aattatgtcc agctgtgaga 60
aagccaggtt caaatTTaaa tcctttaata acctgtccca gaattactaa caatgagact 120
taaacaaatt ttgatttggt aagaaaacat gaaaaaagtc caaaagaaac cccctcaaag 180
ggcccagagt tcaacagttc ccctttggag cagctcatcc atctctcagg tgggggtcct 240
ccggcaggca gcttctctgt tggcgccagg tgggtc 276

```

```

<210> 2489
<211> 568
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N31952

```

```

<220>
<221> unsure
<222> (1) .. (568)
<223> n = a or c or g or t

```

```

<400> 2489
cagtgaaaat acaactttat attaatcatc tcaataatac agattacaga actgagttta 60
cagattacag aacttttcat actttgtggg tcagaaagga taaccgtaaa ttactgtctc 120
cgctttatgg gtggtaaaac tgagccacag agaaatttct ctaagaaaat taaaaggaa 180
ttgatgttta ttaaataaat atcctcactg atttttttaa ggtagaaaag tacaatgcac 240
agtgttaaaa aaattactgt aacagcctca tgttcgagaa gtctaaaatt ttaaggctac 300
tacatgtgtt aattttcagt acatgtccaa cagaaaacat cttttattcc agttacatcc 360
tgaagatacc gaagtcagtc ttctctattg gtgcgttgag ggctgcacta aaactggaga 420
cccaagacca gtctgggtgc tgctgggatc aatgatccca tcatcccata cccctgcgct 480
gggaatagta aggggttccc tcctcttcca acntccta atggatggggcc cttttaaagc 540

```


cgcttcatca gcactggggn actgcttt

568

<210> 2490

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N32071

<220>

<221> unsure

<222> (1) .. (363)

<223> n = a or c or g or t

<400> 2490

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catttaggaa attgcattta ttgggttaag ttcaccctgc tattcccagc cctcatgcta 60
taatgatctt tccttttgca aaggaataac acagagcaag gaagtctgct gaaacttctg 120
agatcctcag aaatcaagag aaaccacagt cgcttttctc cgatctccat ccacagtgtt 180
ggagaggatt tttcagcacc attccgagac ctggaaaagg tgatgaactg ctttgatttt 240
tctacttctc catacatttg gccaaaaagg agcaatcctc ctggctagaa aaggggcatg 300
tcctgctttt tctctgaaat cacaatatta gcagagtggg ttcagttccc tngtgccac 360
ngt 363
```

<210> 2491

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N33009

<220>

<221> unsure

<222> (1) .. (478)

<223> n = a or c or g or t

<400> 2491

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gcgaccgaca cgtcctccat gtcgcgcgcc agccggncct gcgcgcctg cagctccttg 60
gacagccgtg cccgcgtctc ctccgccacc ggggtcagtt gttcctccag ttccgatttg 120
taggccttca actccttcat ggtctcgtcc atcagcgccc tcagttcctg ggtgacctgg 180
gagctcgagc agctcctcct gcacctgctc agacagtgtc tgcaccagc gcaggtaatc 240
ccaaaagcga cccagtgccg gttcccagcg ctggccgctc tgccactcgg tctgctggcg 300
cagtcgnggc tccggctctg tctccaccgc ttgctccacc ttggcctggc atcctgccag 360
gaatgtgacc agcaacgcag cccacagaac cttcatcttc ctgcctgtga ttggccagtc 420
ggctcctggg gaaggacgct cttcaacctc gtgccgaatt cttggcctcg aaggcaaa 478
```

<210> 2492

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N33920

<400> 2492

```
atcaaagaaa catagagttc gggcaatata cttcatccta cccatccac ccaaatttta 60
ctctactcat ctcatcttca ttaatttttg gaaatcatca gaagatgtgt tcgttgagta 120
agagattaaa agaaataagc tttttgacct ctgccaacac cccatgcca ggggtggcac 180
cctccaatac aataacatgc caggaagagt aagttgccct ttctgatgcc gtaatctgcc 240
atcatcttcc catcttccag tctcctttcc attgcaagtc acaatctggg tctcagggat 300
```

tatacccgtc ttagtctcga tcattgcttt cacttggtgcc actgagctgg accttcgcac 360
 ctgggaggag gtgcctcttt gcctcatcac ctgactccac aagaaacaag ggcagctcct 420
 catcactggg gcttcaccac tttcaggggt aaggtgggat ggtctt 466

<210> 2493
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34017

<220>
 <221> unsure
 <222> (1)..(360)
 <223> n = a or c or g or t

<400> 2493
 ttgataacaa tgatgaggtt tatttttgtc aaaacatcca agggaaacat taattgttgt 60
 ttgtcaactg tgaacttcac actacattgt ctaaggatag aaaattgatg ggtatcactc 120
 ngtcagaaaa tcctcaccaa gaagccaatt caaggaatat gaaattgaca agcctttcaa 180
 acanaagatg tgttcggact tcaactgatgc gatggtaggt cttttgggtt acaantagat 240
 agggatgata taaaacacaa tcttttcctg tctattccat tttagaaacc ggtggngtg 300
 cacacgttta gtctgggcat tgcagcacng cacaacatac atgnattaaa gcnaagcata 360

<210> 2494
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34257

<220>
 <221> unsure
 <222> (1)..(510)
 <223> n = a or c or g or t

<400> 2494
 accttttacc cttgggtgctc caaatcccc atctaggaaa gaaaattttt tcaagtcaaa 60
 taacattgat cacatattcc ttgaaatcat ttaccaacac tgtatggagc attaggattt 120
 aaatatgaat ttgtcttaaa ggcaattcct ttttgcttct gtattatctg gaaaagcatg 180
 agagaggtga cacctcaaca aactgatcag agaaaataag cagttactac cctgataggc 240
 accttcccaa tctgttgct tttgaccatt gtctgtccaa cggnacacct caaacaacaa 300
 aaactaccaa atagatgaca gatcagaata aaggtgagag gtctgggtccc cattgaaggc 360
 tgctacagtc ttcaaagagg tgaaggagtt cataagagaa caacagtagg aaagttgaga 420
 gccaaagggtg ggagagttgc ccaaaagact tcccctacta ctttagggta ctgaaaactc 480
 aaaggatcag ctacagcttt atctaagttg 510

<210> 2495
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34441

<220>
 <221> unsure
 <222> (1)..(465)

<223> n = a or c or g or t

<400> 2495

```
gagggtttttt acttttttatt tggaaataag acatggaagt tgcaaagata gactactcct 60
atgtattcct ccaactttcc ccaatgataa tatctcacac aaccatagat tatcaaaacc 120
agaaaactga ccaggcacag tgggtgtgcac ttatagtccc agctactcag gtggctgagg 180
tggaagatc ccttgagttc aggagttcaa ggccagcctg ggcaacacag tgagaccctg 240
gctctataaa caaaaatggn agaaaaccag aaaactgggtg tcatcaattg tgtttaagga 300
aaccgaggct cctttaaaag tttgttataa aattatagat atctcctaaa tattgagggtg 360
gaaagattcc cctgggaagc agcctagtcc agaaagttga agacagtgc atcccagata 420
ggtaataact tctggccagc accataatta caccctcct tnggt 465
```

<210> 2496

<211> 503

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N34804

<400> 2496

```
aaagaattac cataagtttt atttttgctt agttttatta aaaaaataaa tatgtcataa 60
agctttcttt ttccttaggg agaaaaaaag gaacaagtct cataaaccga aataagcaat 120
ggtaagggtgt cttaacttga aaaagattag gagtcaactgg tttacaagtt ataattgaat 180
gaaagaactg taacagccac agttggccat ttcattgcca tggagcaaac aacaggatta 240
actagggcaa aataaataag tgtgtggaag ccctgataag tgcttaataa acagactgat 300
tcactgagac atcagtacag atacatcttg cttaaacaac acagaagttc ctgaaaagtt 360
ttgtgtaaat gatataacca caaacattac caggagagct tgggtaactg aaagaattcc 420
atggcgaatt cctttgggtga acaactactt tcacttttgg taaatccagg tatttgcttt 480
ttataaggag tttacctagt tgc 503
```

<210> 2497

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N34825

<220>

<221> unsure

<222> (1) .. (455)

<223> n = a or c or g or t

<400> 2497

```
gacattataa tgtagttagt gttttatttc agtgcagtta gcacatgggt atgggtttatc 60
tagagttaca gactttgtaa ggtttgcagc tcagggcagt tcttcaccgt tggcaaaagt 120
tgaatccggc gagggctggg aattcacctg ccctccactt tcagctgcct ttgggttagt 180
tttgtctgct gctctcaat gaccgtgtca cctgttggct tcagtcacac cagctctgac 240
cacatgctgg gatctgggct ggaacctggg cctgctgag gtctcagtat ccgtggcagc 300
tcagggctct tgtaaagtga tttgtgcctg tagccaaggt ctgaatgaaa gggcacaaac 360
tgaactttga agtctcggaa gcttcgagct ggtgcngcga tgctatagag ctttctgcca 420
agctggaagg ggaccaccgg gtccgtcctc agcgt 455
```

<210> 2498

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N34919

<400> 2498
gcatagccaa tcttttcatt tttattgctt taacacacat ttttaattttc agttgaacaa 60
attcttaatg agctacagag tgacatgagt tgaaattaga ataaagtaaa ataatactat 120
ataacaaaaa caaacccagt gttacatatg tgaaataatg caattaagag cacaactaaa 180
aaaaatcatt gattcagtta aacacaaaaag acatgcaggg tctcaaacia ggagtatttg 240
ggcttctatg tcaatgtcat aggaaagagc tttttctatt tctggataaa tatttcattt 300
tt 302

<210> 2499
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N35247

<220>
<221> unsure
<222> (1) .. (474)
<223> n = a or c or g or t

<400> 2499
agtaatttac aatttttaaaa aacagccaca aaaaagtcaa agctaaaaac aagatttttta 60
ctatgaatca gtgcttctat tctccttctg aaagaagtta tatttttaatg tgatgtaaaag 120
gcaacattga aatttcttct ttaaattaac cacctaattt atccctaataa ttacaaagaa 180
tcagtctttt acaggtcaag tgcagtaaac taaaatgttc tctcagcaca aagcagcact 240
agaaaaagta acagttatag atgggagttg actagttttg cagtggctgc gcatcaataa 300
caaacagaca tcagacggta tccatcccag agcacagaca ctactacaga ctagatgcga 360
agaatgcgtc acactcttgg ctgataaatg tcttttgtct ttgactcttt ctagtgtgaa 420
tgaagtggat tttttaaaag tttaaatcag gtcacataag ttgggctgcn taaa 474

<210> 2500
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N35376

<400> 2500
gaataaaggc atattttaata aattagggaa catcttaact tctaatagac tgggggaaat 60
ttttaagttt tctatgtaca caaaggcagt gggaacaaat gaaaaaaaca aattactaca 120
ttgttgcagc acattaaaga ctggatgggt tatattattc acaattacat cctctttccc 180
atagcctggc agaggaaaag agttaccaag cacaggaaca atttcaacat ctactggag 240
tctccaaaag caagcagata ctgcaggatg tcattaagca acttactgtc acttcacacc 300
atatgtggca gtaagaaact taaaaaaaaa attaaaaggc acgcataagc tgatttcaaa 360
tattttaagt ccaggctact ctcttttagat acaatgtttt gaacacttgt atagaacagt 420
ttttaaataa acattttcca 439

<210> 2501
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N35493

<220>
<221> unsure
<222> (1) .. (414)

<223> n = a or c or g or t

<400> 2501

```
gttaaacatt ttatttatgt ggcactctga aacgagcaac ctatgaaggc ataaaataaa 60
aagatttttt ttttaactcg ggaggtaaag ctagatatat caattaggaa ctgattcatg 120
gtgtgatgta cagcagatgt tgaaagaatg ccaaaaaggc gcaaaccatc atacattaat 180
acaaaggaca aaaacaaaaa aaaccccagc atcttcttgc tatgaggcaa taaggcactg 240
ctaagagact tnagcaccaa aatgattctc tacaaattcc ttccttttta tactgcaaat 300
actgcattat tatattcaaa cctttaaaaa ctaggtaata cttaagattt agagtcaact 360
tactttgtgg gaaattctat ttgctgcttc ttttaaaaac agattaaaat aagctcttaa 420
aaa 423
```

<210> 2502

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N35913

<400> 2502

```
aaggccgatat ctttttatta gacttgetca tcttctagtc accccttggt gtagagcgaa 60
aagagtgtgt tgtccctctc atgcctctgg tggtcacagg aactgagta aagcaagaga 120
ctggatactt tcccatgtag aacctatacc ccaatcccga ctattgggct gggaaccctg 180
tctatgccca ttcaaagctc accatgtggg aggactgctt gggcctggga ggttgaggct 240
gcagtgaact gtgattacac cactgcactc cagcctgggt gacagagacc ctgtctccaa 300
caaaacaaag cagaacgctc accatggttc tgagtta 337
```

<210> 2503

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36001

<220>

<221> unsure

<222> (1)..(412)

<223> n = a or c or g or t

<400> 2503

```
attagtgaat tagtttatTT aaaaccatca gtttttccaa tgtgaatgga ctggttcata 60
tcacaccata tttagagata caaggtgatt ataactaacg tgtctacaag acatactggg 120
tcaaacaatg tgatcaatcc aaagggtatc tttttaaaaa gaatttaagt actcagctgc 180
aaagataagt tcaactaatga gattttcttt tttttttttt taaaaaaaaa aggtttttta 240
tgagtcaaat ttattacaaa aacttagtgt gtaatcaaa ccaaatacat tcctcaggca 300
tgccagcgga acgcaaaaata atgttaatag aatgttatta aaaaataaaa ctttttctga 360
atgatataata taanacctca tggcacatta tcctcatttg gacaacngga aa 412
```

<210> 2504

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36085

<400> 2504

```
ttacttgata tcaaattgac atttatTTaa aaaaggga aaagagcgt agaacagaat 60
tcacacagac ctttgattt ccaagctcct atttatgaat ggtgattaat agcaataatt 120
```

```
ctgtctctct tctctctgtg aaatgctaac acttgctaaa ggcactcaga ttctgggctt 180
aacggagaca aggtcacatg ggaccataag ccagtagctt ttttggttagc taccagaaa 240
ggaagtttac aaatgttcct ccattcata acgggaagaa aaagtcaaac agctatcagt 300
agaagcgttt tatgagaagc tatttacaca gctatttgtc cattcagcca gagtgcacagt 360
aactgctcac aatggtaggg gttctccctt gccaaagaaag caaaaacaat aacaaaacac 420
tttttatcat atatgaaact cctgtacaat gatttgggct agaagaaaaa aatagttggt 480
aaggtaaat ttgttttaaa acatct 506
```

<210> 2505

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36250

<400> 2505

```
cattaaaaata attcttttaa ttattgatgc tttgaataag aagtccattt tactaaattt 60
agtataaatt atttttctta aacagaacct gtttgctgga tctcagttta gttcactttg 120
cagttttcag acacaatgac tcatattcaa cttttctctt taaggattca gtggcttgat 180
tcttgacatt tctcttttaa gaggaatctt atgtcatctt ctgaaatcat gtatatgggt 240
aataatatta agtgtcttct cttctgaaga tgtgattctt ttaatgccat gttctcttcc 300
ctctgggtgac ctgacttaga ttgtagcagc actagaagct attaagagat ttggggcagt 360
tgaggaagcc ttaggtaatt gttaagagta agaagtattt ttaaaaaa 407
```

<210> 2506

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N36432

<220>

<221> unsure

<222> (1) .. (621)

<223> n = a or c or g or t

<400> 2506

```
gaacgcacag gccgtcgcta tgagcggnaa ccaccctggg cacagcaggc atcggagggtg 60
aggcgggggtt gcagtgactg gtggccgcaa gcccttcctt ggggagtagc tgatggctgc 120
cctttgacct ccggtggctg ccctttgacc cccgggtgtg ctctcagcgc aagtggtcct 180
agaacaggat tctttttgga aatgtctgtc gactggacct tgggtgattt ggaaatggaa 240
ctgagggacc ggtgacacgt gcttcagacc ggtctggggg gcggcgcaac ctgggcccgt 300
gcagntccag ctcggcagca gctctgaggg cagctcaatg aaaaagtga tgcacacgcc 360
cttggtggcg tggcctggca tggcctgggt ctatcggcag ccgctctcca ctccccgact 420
gatactcaat tacgtgaagc caagaaagat gatttttaga aacctttgcc tatattaggt 480
tgtacttatg tacatatttt gccagtgttt cacaggagaa agtggnccta actgccctt 540
attccccntc caagttggna aaaaaacatg tgtttaaaanc aaagttaaac taatgtttga 600
aaaccacagaa anttgaacct g 621
```

<210> 2507

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39099

<220>

<221> unsure

<222> (1)..(458)

<223> n = a or c or g or t

<400> 2507

```

tgaaaaaaca aataccttta tttagttaac actgaatttg caaacacaga aaggaataga 60
aaacctgact ccacttggac gcacaggcct ttggggagtt ctgacaccag ggccccatcg 120
gcagctccac cagagcatcc tggctgcacc tccttcccgg agtcctnngc ttgcctacct 180
attccatggg aggttggcct ggatgtgtca agggggcctt tcagctctag taaagacatc 240
tgtctccaca tccaaggagc tttgcaaaaag acacgtggca ggacaggaga ctggacgcac 300
tgtggcctgg ggaaggcagc ggggcttggg cctgnggctg ctccccttgg gagaaactgt 360
gtggctgagg caccttggtt tgggggtggg cctgggcttg gacacagctg caggctgccc 420
tgtcctccaa gaggagaggc ggggcttgaa agatttga 458

```

<210> 2508

<211> 544

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39163

<220>

<221> unsure

<222> (1)..(544)

<223> n = a or c or g or t

<400> 2508

```

agtctagatg aatttattgc cattcacata tttcataaga aaaaaagatg tagcaaacgg 60
gtcagggttg tacaaaaaaa aaaaaaaaaa aatccagggt tatatagggt gctctattta 120
catctgagag cacagctgtc ctgggcatca ggcacagcag ctgcacttgt ctgacgtccc 180
tttgagatg cagccctggg acacttggca cagccacagg gngccaggag cagcagcctg 240
gagaagaagg ggagagttag aggtcagagc agactcaatc aggcacctcc ctgccccaac 300
agaggcctgg ctgagccct gcctccagcc ccagaggacc atcatttcag gattggcatg 360
gntttgtcag aagagaactg ggtagatcct tgggatgagg gttttatatg aaaaagctgn 420
ccagccccac ctgagtnctg ggacaggaca gaagattgga aanggagtta nttgggggta 480
aangaaaaaa agngggccag tttcccaaaa cctatccttt aatggaggga agttcttcan 540
agcc 544

```

<210> 2509

<211> 547

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39201

<220>

<221> unsure

<222> (1)..(547)

<223> n = a or c or g or t

<400> 2509

```

catggcatcg tgttggttac tcggtacaac cagcctgttg tgaaaagggc ccgccccctt 60
tccagaggca gaaacttgct ccaagaggtc ggatgctctg ccagagggtg acagaccag 120
gggtgtggaat gtccaggccc tgccatctca gtgccccctc ccgctcccca ccggccagca 180
cctgctgtcc tggactcctg gaccttcggg gtcactcctg tccccaaact taaacacaga 240
gctactcaact ccagaccctc ccctgccaca tctcctgct tggaacagat gaggagccct 300
gggaggntaa tnggtttcgt ggggtcgacg actttgccc gaaagaggac actctgggtg 360
ctgggtgaaa agatcaccac aaggaagggc cgggtgaatc gcaggatgtg gcgattgggtc 420
tgggcagaga agaatttgat cgcgactggg tggtgctgn agcctcggtg ccagcctcat 480
ccacgtccaa ggtggccttg tggaactttt ggatgcctcc agttttgctg tttggtgatg 540

```

ccggata

547

<210> 2510

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39237

<220>

<221> unsure

<222> (1)..(445)

<223> n = a or c or g or t

<400> 2510

```
gaaagtttaa agatcaggag attttattta aaagctcaga tgttcaattt ctcatgagaa 60
atcagaagat ctggtgtntc tgggcccaca ttctgcctgt ccgctgtgga ctggagtgga 120
ggacagctgc ccttcacgcg gggcccatcc aggtgtttga cccagggtgt atacccgcca 180
gtccctgaca gcagttggct ttttgctctt agtacctgta tctgcatcct aaatttgcca 240
cgacaaacta ccacaaactt aaaacagcag aagtgtattc tctcctggtt ctcaaggcca 300
gaagttagaa attaaggtgt cggcagggtc acgcttcctc caaaggctct agagagaatc 360
agtccttgac cgtcccagtt tctggagtcg ctaggcattc ggtggcttgt ggcagcataa 420
ctccagcctc tgccctccatc tgcatt                                     445
```

<210> 2511

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39254

<220>

<221> unsure

<222> (1)..(330)

<223> n = a or c or g or t

<400> 2511

```
cataatactt ttttttatta caatatccaa aaaactgggt atgcaagttt aggggatctc 60
aagacccctt cttcaatcgt aggaatgtgc catctcaaga cgttatatat aaactataaa 120
gaagttcaaa tgtaaaggna aaagaaaatg caatttcctc agaaacattc tgtgtgtcnc 180
ttactaccan tcacatactc ntttgtaaac cctgaaaaat ttccctgtna ataatatata 240
ncctatatag tgtgtgtgtg tgtgtgtgtg tgtgcacgtg tgtgtgtgta taaagtgttg 300
gtagctccct tccccaaaga tcagcngttt                                     330
```

<210> 2512

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N40188

<220>

<221> unsure

<222> (1)..(236)

<223> n = a or c or g or t

<400> 2512

```
tgcttcccat attgatcctt tatattccta aatttattac aattttaact angagatcat 60
```


gaaggtaa at tgtttcataa aactaaaacc aatgtatata cataataact tgagtatttc 120
 ctggtttgta gcgaccatcg atagcagggt atcncaaaat gngcactgat gacattttgga 180
 cncaataatn ctttgttgta gaaagttata agatatatat atttttaaact atgcta 236

<210> 2513
 <211> 493
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N40320

<220>
 <221> unsure
 <222> (1) .. (493)
 <223> n = a or c or g or t

<400> 2513
 cctggattaa aaggatgatt ttttaagctct ttagtcaaga gacggtgatg aagttttgtgc 60
 cgcggtacag cctcgtccta gaactcagcg acagantagc cttccggaga agcctgcatg 120
 atccccgatgg gctgggtggcc acctacatca gcgagggtgca cgaacacgat gggcacctgt 180
 acctgggctc tttcagggtcc cccttcctct gcngactcag cctccagntg tnttagccct 240
 cccagatagc tgccccctgcc acgcagcaca ggagtcttca cactcaggca ccaggcctgg 300
 tccaggagga gctgtggaca cagtcgtggt tcaagtgtcc acatgcacct gttagtccct 360
 ggagaggtgg tnggaatggc tgcttcattc ctcgaggatg cccgggcccc aactgggctt 420
 ggtctttcct ggtttagagg aaagtgtaac atatctgcc tangaacat aaattcatgt 480
 aaagccattt tca 493

<210> 2514
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N42272

<220>
 <221> unsure
 <222> (1) .. (451)
 <223> n = a or c or g or t

<400> 2514
 tacatatattc ccgggataag atcaccaggc caggagcgac natnggaaga aaggggaagg 60
 gctccccaac ttgacaaca acaatatcaa gggctctttg ataactcatt ttgatgtgga 120
 ttttccaaaa gaacagttaa cagaggaagc gagagaagg atcaaacagc tactgaaaca 180
 agggtcagtg cagaaggat acaatggact gcaaggatat tgagagtga taaaattgga 240
 ctttgtttta aataagtga taagcgatat ttattatctg caagggtttt ttgtgtgtgt 300
 ttttgttttt attttcaata tgcaagttag gcttaatttt nttatcta at gatcatcatg 360
 aaatgaataa gagggcttaa gaatttgtcc atttgcattc ggaaaagaat ggcccagcaa 420
 aaaggtttac taatacctcc tcccctttgg t 451

<210> 2515
 <211> 575
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N45224

<220>
 <221> unsure

<222> (1)..(575)

<223> n = a or c or g or t

<400> 2515

```
gacgggtcttc aggttttattt cttaaatacaa ttaggaaata aaaccacagt gcccaggaaa 60
gttcacatga gacgccacgg tgtctcttgc catggcccca cactccagg ggccaggggg 120
tgctgctgga gggaggacag acggacaggc ggcctgggtt ggcggcccca gaaaggctgg 180
cgtggatgtt cgagatgagc caccagcgaa ccagtaggga tgtctgggcc gtccctgggtg 240
gattgtctgg gacatcgcca ccaacacggg gtcagagcca tcagtgggga catcggaggg 300
gccaccacca ggtgggggtat attcaacagg ctagaacccc tgaggcttga gaggccaacc 360
ccgggcagga gacctcccct gacctctctg ctgcctctcc tgtgggacct tccagtagac 420
acaccagatg aggacaccca ggaggcctcc tcccaggaca ggaggcagct ggctgggcag 480
ccacgcattc aggggttcagg gccctccagc angagctcca tggagatggc taatggggac 540
atcaagcagg ggctacagtg gtacatccag tgggtc 575
```

<210> 2516

<211> 687

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N45232

<220>

<221> unsure

<222> (1)..(687)

<223> n = a or c or g or t

<400> 2516

```
tgcaaaccaa accaaatcat tttattgtgc aatttccttc taccagaaaa ttactaaaaa 60
tataaatatt aactctctaa aaaatactca gaatagatct gtaatcttcc tctctctcct 120
cagaactgga gccaatcttc ttcttttaaac ctgatggatt gcatacatgt atgtcttcca 180
tatcagccac atacacaaca ttcagataca cttccgtctg tgcaggggga tacaccagcc 240
tcctgccagg ttctggaagc tcaccttata atctaccagg ataaagctgt gtgctgagta 300
ggaggttatg gtgggggttg ggagtaacaa ggagataaaa gaccttgtgg tcccaacttc 360
cttatgtgga cagagaagat aggtccttta ctctctctca ttacctgnc ctctcatgga 420
ctgggctaac tgaaggccaa gctcccagag aagctggact cactgtgcgg gattactgag 480
ggtgtggctg ccaggctaca gtcacaggaa ggcagactg ttgagatgga catggaacc 540
aggtgaggct ttggatgna agctggctctg gggcaaagct ctgcaggatg agtagtagct 600
gttccggcgg gntttgggna gcccagacc ctaccaccag gtactatgtg cagcatctaa 660
gaccagnacc agtctccaag agcccc 687
```

<210> 2517

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N45307

<220>

<221> unsure

<222> (1)..(412)

<223> n = a or c or g or t

<400> 2517

```
tgcacggcng ataggctttt attacagact gngggcgnta acngctggac agagaacgga 60
aaaggaacat ctnagaccag gctcaangct nnggggttac acaacctcca ataacacaag 120
gtgagtgcag cacttctaga cacacacaca gacacacatc atttactcat aaacggcaca 180
gctacggtac aagaaaaagg gcaaggtagg taagggcacc caacaccctc ctgcctgcag 240
gggccacagg gttaatgtgc cttcctgcac gcaggcttaa gagggataaa caaggagagg 300
```

gctgcccttg gagaaggcct gcggataata gtgactgagg cacaggtcca tgcaggggaa 360
ggaagcacag ttcacagagt nggcaagctc aatggccagc catttgccaa gc 412

<210> 2518
<211> 529
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N45320

<220>
<221> unsure
<222> (1)..(529)
<223> n = a or c or g or t

<400> 2518
gttataagct ttttcttttt tagaatttaa gcttatgagt ttatctacgc ccactatatt 60
cataattaca gttttatata tgcatacaaa agctatgtaa aaatccattt ttcccaaata 120
tacaaatttt ttttgatag tttaaaacat tttcgatcac agatttcaac agagttttag 180
gctgaaaaaa atatcaccat ctagcaatat cacttaacac tgtttgcaaa acacaaatct 240
tccaatgact gtaaattctt ttctattctg tagtattttt ctgaattctca gggcatgaaa 300
acattatggg aaaaaaaagg attttctacg aagaaagcat ggagaactaa tttggctcta 360
tggtcaaatt aaaaatgcc aagtaataag ggagaaccaa aagaaagaag tggcataatg 420
tcacatcagc tcattcatgc ccggataatt tctgtatcaa caatacatat gtaaagtggg 480
cnccttttgg nctacattgg ggcnccctaa ttnccatgng tattancgg 529

<210> 2519
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N45998

<400> 2519
acaaatattt gaatttttat ttaattttaca gcaaagaacc aggtgcaatc aacactttca 60
tataggacaa acataaagta tttcttgagc taacagttag ctttacttt taaaagtaaa 120
accagaactt ttattcatct ttctttctgc ttcagaaatt aacagctgct cattaaatat 180
tcattgatgc ttgttgtaat tgtactgtat ttcactaaat aaatgtttat aacacattta 240
accacaaaat agatataacc tctaagttta acttatattc atactaaaat gtagtattaa 300
tttttcaaag atttttatga tgggcctaga gaggaaggta aattatgtag atggcatatc 360
ttcccataaa cttagtgcac acctagaat 389

<210> 2520
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N46423

<220>
<221> unsure
<222> (1)..(423)
<223> n = a or c or g or t

<400> 2520
acaagacttt gtttattaat aaagtaattc attatgactt ttgaaaaaaa aagtttttaa 60
atgttctgtg tacatgtcaa tgtaggttag gccagccaaa agacaaagca aagcatcaac 120
attaagtcac aggctaggat tatacaaata agaacaaaca caaggcttat ggtacttggt 180

```

aggtaaacac aaccaaacta aactgtactt caaatttggt tatataaaag catattaaag 240
ctcacttttaa aatagtgtcc atcttttctt ttaaacgggc atagactcat ttgcagtcac 300
gtacaaatat acctaataag ctttcttcat cttttaatac aagtacaatt ccttggcttc 360
tttatgcaac ctaacaaaat aatatagaat ggaagtcatt agaaaaatat ggacccttct 420
gga

```

```

<210> 2521
<211> 447
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N47469

```

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<220>
<221> unsure
<222> (1)..(447)
<223> n = a or c or g or t

```

```

<400> 2521
gtgattaaca ggacttttat tggtagtaaa ctagagcaaa caatcagaat aatacatatg 60
cagtattcag tacacacaat aaaagttaaa gaaattcaaa acctgtataa aacaaactgg 120
agaaaaatca tacagcttaa gagatacagt ggtaaagggt ctctccatcc tttgattaca 180
gcttgacttc tgtactcaat agaacttacc gcacttactg aaataagaaa taaacacttt 240
ttagtactca gcgtatttaa gattaagtac attttctaag aatcttgcaa tgacaagtgg 300
gtgacccttt agctgctaaa gctaaaggga ggaaagtggg aaaagggaat taactaatac 360
tttgtaacca tttttaatat ttcttatttt ccaaactctg cttttataac agaagtgttt 420
tacacttggc acaatattaa ttacttg

```

```

<210> 2522
<211> 463
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N47942

```

```

<400> 2522
tggtttattg tacatgcttt attaaaatgg tacttgattt tacagtatct gcagaaagag 60
tcccttccaa ggcctcacac attcagacac atccatactg acaccactc cacagcccca 120
tgcaccaca ccagtgcgat gtggagggtc agactcctaa aattaggcag ctgttgggga 180
taagagttga tttgtttttc aatttttttg aaaacagaaa agcatggggg aatgcatttg 240
gccattacaa tgctaattga gtttggtgat attacatata tggcagttaa cactgtaata 300
ttccttttac attctatata cacagaatga tatcaagggt ttatgggtcaa cagaatatcc 360
caacttcagt cttaatgctg cttgtagtga tttctgaatt cattataggg gctttcccta 420
aaaataattc aagtctatgt taagtgaat aaggcacaat taa

```

```

<210> 2523
<211> 454
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N47956

```

```

<400> 2523
aaaatcaaag gagcaagcag tcaagatttt gttttatttt attatggcta gaaagacact 60
gttatagcca aaatcggcaa tgacactaaa gaaatcctct gtgcttttca atatgcaaag 120
atatttcttc caagagttgc cctgggtgtga cttcaagagt tcatgttaac ttcttttctg 180
gaaacttcct tttcttagtt gttgtattct tgaagagcct gggccatgaa gagcttgcc 240
aagttttggg cagtgaactc cttgatgttc tggcagtaag tgtttatctg gcctgcaatg 300

```

```

agcagcgagt ccacccctggc aggcggctgt ggtgggtttga agagtttggg caggctcctcc 360
tcagggagcg ggggttctcc tcggctctgg cgctgcatat tctcctgctg gcgacgctgg 420
ctgatactga tgtttccgct gctgttgttt acta 454

```

```

<210> 2524
<211> 347
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N48155

```

```

<400> 2524
tttttttttt taaggacctt tcacaaacca aatgacagca ggttttttatt aacatatctt 60
acaatgttga ttattcctag ttttgtaatt tctgcttaat tataaagatc aatttagctt 120
ctacagtaat gtactgtatt taaatcgatc attcatacaa gatatacacac cagtacattt 180
ttttgaataa tatacacaca tcaacttaac ttggacctgt tattttttaa agtgggttta 240
taaattgggac ttataaaagt tatgggggaa aattaaagtt ctagtttagc agcatgcatg 300
tatgtattca agtacaattt tcaaccaagt gcttttttaa aatttac 347

```

```

<210> 2525
<211> 397
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N48180

```

```

<400> 2525
gcatttgaaa agctaagaac agccttttatt ggagaaagta ggataaagac atttccatat 60
atgttcatgg gaatttacca ttcaaattta ccattcaaac tgggggagta gagatcagtc 120
acttttgcca tcttatctgt ttaaaactct ttcaagaaaa gaaaagaaaa gaaaggagga 180
gtctctttca agaaaagaaa aaaaggaata ctgtgtaaga accacagaaa aaaagctaag 240
taggagcaga tgtgggtgct ctttccttaa cagtcagcat agaattgtaga gactgacatt 300
ttctttaaga acagattatt ataactaagc aagaaaaagt atgtgtacat aagttgggtca 360
cagtgcactt tggtaggaaa atataagtag ctgtaaa 397

```

```

<210> 2526
<211> 587
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N48315

```

```

<220>
<221> unsure
<222> (1)..(587)
<223> n = a or c or g or t

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```

<400> 2526
tcaaataatc catctaacag ccatgagacc actcaagtat ttgaggtcat cagctgcgtc 60
catcaagaca tgatattgaa catggacacc atctggtctg ttggtctgtt tttgttggca 120
aaggactcca aaaggatgca gttgtatgtg tttcagctga accacatacc atagctcctc 180
tcccctcaca aaagggtttc tctgggggga gaaaagtaac tgattatacc tctcatgtct 240
caaaactgaaa ttctgagaag caaatggtca gttgagggcc ccattccaga tctgccggga 300
cgtcctcaga tgtccagagc tggcaaaaagg tggagcaggc agcagctttg ggcaccagcc 360
tgtctctttc tgttctgata aggccacaca catggctttt tgtgataagc ttccagccca 420
tgccactgaa ataacgttta agaacctggc tgcatttcac agaaatagcg taatgggaaa 480
tcattatgta attaaacaaa gcatgaagct cattatcctt ttccttttaa caaaccttca 540
atttcacatt ttagtggaca ctgtggnttc cagagaatat atggatt 587

```

<210> 2527
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N48595

<400> 2527
 atgtaaaact gactttttatt acaatttaaaa aagaacaaaag acaatttgat aagtgccttt 60
 aattacaaca tacctgctat ttacatgtaa tcatactttt atatatagct tgaataagtt 120
 ttattacatg taaactataa gatattacaa gttaaactcc agtccttttct ggatattcaa 180
 ttgaaatact actggcagaa acatacagaa aacaaatacc catttcagtt cctcagggtac 240
 cattactggg tgaatgatca agatctggcc acagaagaga agtggaaata tgcacaaaaa 300
 caaaactttat tcttaacatg actaacagta ttgttattta aaccctaaac ataattaata 360
 attggatcat taaaaacaca acttcaattt atatagcacc tttcttccga agagttgaaa 420
 gcattcgtgc ttatctctat tatttcgttt gtccccataa catctctat 469

<210> 2528
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N48602

<220>
 <221> unsure
 <222> (1)..(422)
 <223> n = a or c or g or t

<400> 2528
 tttttttttt tttacaaaaa aattttttatt aagtacagtt tcaaatttag agcttccacg 60
 cttacaaatg tgattggata tttaggatac ataatttatt cttaaaatac acaacttata 120
 tacagatatt aaaaactcag tctccaaaat gctcaataaa gatgtctggg tgacacttat 180
 agaattgacc tagcaatttt ttcttctctt tggcagaaag ttttgaatcc tcatcaagag 240
 ttttttagtaa attcaacagc tcatctttgg ttgtcttcnc tgtattggtg gaatagtcac 300
 gttgatcaat tcnctggcaa taaatatatc ctgcatctcn atttggatct cttccgttct 360
 gtatggccat aagcttaaca cttacaattt tatgtagagt tccaggnatc ttaaaaaacat 420
 ct 422

<210> 2529
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N48674

<400> 2529
 ttttcattgg caatttttatt ttttaaaaaat gaaatattca aagtactttt ctttcaaata 60
 tcaacacata atgtttaact ttaaataattt acagcatgtt gttgtgatgc tctttagtaa 120
 aaatgcacatg ttctggcctg aaagccagag caaaatgcaa aagaccattt aactgcagcc 180
 agagaacatg aacctgtaca gtatccagtc acttttcagc acaggagagc aggaatacaa 240
 aattggaacc tattgtttcc tagcaacatg gctcagacca ttataacaca attttcaata 300
 tgattagaac ctctacctgt tgttatacag aaactgaaaa cttggcatac actgtaaaca 360
 tctttacttt tcatgagaaa gtaagcagct aaaaagaatg gtttttccgg acataa 416

<210> 2530
 <211> 481

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N48787

<220>
<221> unsure
<222> (1)..(481)
<223> n = a or c or g or t

<400> 2530
agattgtaaa agttttattga tatgggtcaaa aagcaaacag ccagacattt ggttatcttt 60
gccactacaa tgtgtcattc tgaactgtat cttaaaaatg cataacaaat gatattttaa 120
ccattaccag aaaagtaaat gaagagtcta cttaaggcac ttcatatgaa agctaattca 180
aaattttcac aaaagtcaca ctattttata agtgtagtaa attaccttct acacatttta 240
gccagaatgc tgcctttctc cttacagaag aatgtgctct taaagggaga aaaagcaaat 300
acaaaaaatt gtcattctgt caatgttcat cgacaaatta tctggaacta tacagattac 360
atggcagtag tattcccgtg gtcaatctgt acaaatcagg ggcattctca tacaagtctc 420
ataagaacca cagcatagat ttggnctgga gaccaggtac cagaatagca ggtaagggaa 480
t 481

<210> 2531
<211> 455
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N48790

<400> 2531
tttttttttt tttttttttc agtatatgaa aattcattta tttagtga aa ccctgacatt 60
aaagcgtccc aacacaaagc agattcgaac ataacaactg gtgattggct catctcacag 120
gtcacatca tcagtgtgtt aacatacaat aggactgtac ccttttacag gattgagtgt 180
tttgatccc actcacacac taaaaccctg ccataaagtt gtatcaatta gggctgttca 240
aatgtgaaac tgtattggaa aatgggaaac tttatctcct tatatatgca ttttttttga 300
gatggcggtc tgcctccttg cccaggctgg gagtgaagtg gcacgatccc gggctactgc 360
aacctctgcc tcccgggttc gagcaattct cctgcctcag ccccccaagc agctgggacc 420
acagatgcct gccaccacgc ccggttaatt ttttt 455

<210> 2532
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49090

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

<400> 2532
cnntcaataa aaagggtttat taaaaattct gtgaaatcaa gattcaactt gacttttctac 60
aagagtcagt tgagatctaa tgacaaaaaa agactgaaag tggtagatg gaagtagaaa 120
tttaagttaa atattaacca aattagagca gaagagctca aaataatatt acacaagcta 180
catcttaagt aaaaaactgt catattttat aaaatgtact ttaagtcaaa acttcaaaca 240
gacaaaaaag gacattttaac aatacataga ttcattccct gtgaatgtat gacaaaattg 300
tttatacatg catgtatttg tgtgtngcgt ctcaaattag gctttcagat atataaagta 360
aatactaaca aaactgaata aacacagaga gagcaatata atnatagtag gntattttcc 420

ataccccccc tt

432

<210> 2533

<211> 433

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N49104

<400> 2533

```
aaagtgggtg acgattaaaa aaaattcttt aagaccgaat caaagcacat tctttcacaa 60
agcttaaacc acagacgtca tgtccagaaa tggaaactg tcatgttagg atgaacatct 120
gatctgattt gttaagacat tttgccaaat gcacagatgc acaggggtccc ccatgcactt 180
ttcatgcagc aggtaatcac aacttaaata aaagggtttat tctatacatt tgtccagact 240
tgcaactgta tacatacatg cacaactttt aaacctgtct gattatattt acacttatac 300
atggaatata caggaaccaa agagattaaa aggcttttct gttgcattag aacaatacaa 360
aatatgtatt tttcattaag gaaatcacta tttacatcac ctttaaaaac cgattttaac 420
atcttcatgg taa 433
```

<210> 2534

<211> 203

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N49113

<400> 2534

```
tttctttttt atttagccac tctcatttca taggcaaagc aagtccaatt acatttcatg 60
ttatagcaat tatctatgta tgttttcctc actccattaa aatttcacct tttccccgac 120
ccacattctg cagtgaattc agatctattt tccatttttt tctcacatta tttatatagc 180
tacactatca cttccacttc ctt 203
```

<210> 2535

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N49214

<400> 2535

```
tcttcaagac cagattagta ttttattttt ccttccctaa cactcaaatt catggcaggt 60
gaaaagataa tagaacataa tcaaactaac atataaacac aattcaaaaa cgtttaacca 120
tctattatag ctctttgttg taaaacacac aaagttaaag agaaacatct ttatataaat 180
tatccttaat aatctgtata cactgtaaaa caattgaaaa ttcacaccaa gatccctagt 240
caagcagtgg tgtacaaaag tgcaaacaag gttagtgtat aacaacttac catcaatata 300
ccacttcaac atactttaca ttcagccaaa tactgaaggt ttcaccatgg gaaaaacact 360
tttatcactt ttaaagtaac ttggactatg ttcaccctgg agtggctctt gcctcagtat 420
gggc 424
```

<210> 2536

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N49284

<220>

<221> unsure
<222> (1)..(429)
<223> n = a or c or g or t

<400> 2536
aaaataaggg cacatcttta ttttgctaca aggcagtaag tacaccgtca tatctcaaaa 60
gttcagtgtt ggccatcttg catcaaagt tcttaaggca gtgactggct atcaaccaca 120
gtttctgtct cccagttgc aaacacagga tccatgcaac agttctgaga ccatacactt 180
agaaaccaca ggggatgctg atcaaagtca gaactcccaa attataaaaac agtcagggcta 240
cactcaaaac aaaacataga acatcaacaa cacacatctc ccaaaaaaga agtgcaacgc 300
atgcttggtt ttaaaccctt caattaacca aaaaaaacca caattaaaaa aatggcagag 360
gtctcccaa aaccaangtt tttccaaatg gtattggcag aaggggaaaa aaaaatggta 420
tttttatat 429

<210> 2537
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49595

<400> 2537
actgtgtttt acatatttat taaagaatcc attctttctg ataatactcc taacacaggt 60
gaagatattt ttacaatatt ttaccaaact cctaatagaa aatgtctaata cagttcatcc 120
tttttagtccc tgaatccatg tttgagcatt ttaaagatgg aagaaacctg taagactcat 180
atcattttta aaaaattgac ttaaaacact tattggataa ctaatacatt tgtaacagca 240
tcatgatttg ttttgctatc tgtatttcac ccagaactgc tgaattacag aatgaaactc 300
aaatgaaagc attcatctat aatttcaaaa attattattt gaaattttta aatcaatagt 360
cataacatca tcgtgttccg aaattagaaa attattagca catatacaaa catatttacc 420
tatgtcaatt aggtcaatgt caggatt 447

<210> 2538
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49738

<400> 2538
aaaccttaaa tgtaatcttt aatgaaaaga tataagcatt ataaaagaag gggtcataat 60
gagtgatgtg gagatggcta catatacttt cttaagaatg ccacatcttt tatcatacag 120
atttcaaagt ctttttggct acataagtac tttaaaagaa ttgagctaca tcaattaaat 180
aacaatatata attagttctt catcatcaca ataagataac aatgattaaa atgttttacc 240
tcatatgggtg aaaatactaa tcttttcatt cacaaatttg taggcaaagtg tgtaattacc 300
aaacaaccgt atagtacaga aacaagaaac atattgtaag tctagttatg atagtttttt 360
ctaatagaca aaattgggtc acaatttatt at 392

<210> 2539
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N49902

<220>
<221> unsure
<222> (1)..(472)
<223> n = a or c or g or t

<400> 2539
gcaagagagt gacacagatt ttattttctcc cagagaacag acagatgcaa tgaagacaca 60
tcttatcaat ggatttttgtt tctcaagtca aagtcagctt ttcttaaacc atttccttat 120
gcaagaagat ggggagctga atgtggaaaa atgctcttca aacaaataat ttgataattg 180
ccaatgaaga gtgttctttc ttctcactac agatgaaata caagagatgt atctaagacc 240
agagcttttta ctttctctaa ctggagtgaa attaaaattg atggatattt tatttttatt 300
ttcatttttta ttttttcttc tttttttttc ttgtgattgt cttttttatt ttagccattt 360
aagtacatca aaaaaaaaaagg caacacttcc tcaaagtgaa taaaaatggg aagaaaaaaa 420
aaaaaaaaaa ttttccatag ggcctagcag naacttaaca catgccgata at 472

<210> 2540
<211> 549
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N50038

<220>
<221> unsure
<222> (1) .. (549)
<223> n = a or c or g or t

<400> 2540
gcacaacaca aagagtgaac tttaatatata actatgaaca ctgtagctaa taatgaatac 60
aagttcatca gttgtaacaa agtgccatgc taatgcaaca tgctaattag agggggaaat 120
atgcaaagaa gaggagggat atgggaatcc ctttgtgcct aatttttctg taaacataaa 180
actgctctta caaataaagc ctattaatta aaacaacaaa atacaaaaca acaactaaaa 240
ccaaaaacag ccaacaccca atggggttgag ctggagtaag aacaggctgc ccagcacact 300
tcctggggcca ctgagccctg ggctngaaaa gcaaaagggc cagtgagggt tggctgggac 360
tcagctcccc agcctctggt tcaagcccga ttacgaaca caaagggtcat ctgggttgat 420
ttcctgggtcc cctcagctca ctttaaggag gcttttctgg tccacagctt tgggttgcca 480
aaagcaatct ggctaaangg atttgggaca tccggctggt gaatgtaggg gangggtttac 540
ccttagatg 549

<210> 2541
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N50048

<400> 2541
cagaacttaa caaatTTTTaa ttactttttta ttgaaaactg cactgaacgc taaatgtcca 60
cctttacaat aaacaaatac agtaacggta actcacacta aaacaaaaca tacttctgat 120
agccattatt tttctgtttg ggacaatttt aaagtttttc ttttgtcaca aaaacaggaa 180
tgtacctata caaaggctca aaataggcca tcttttttaa caaaaaggca atgattcaca 240
aaagactatg aatagaacat gtaactagtt gatacaaatc taataggatt tgttaaaa 298

<210> 2542
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N51053

<220>
<221> unsure

<222> (1)..(413)
<223> n = a or c or g or t

<400> 2542
tggccagagc aggcttttatt ggggccgtgt aaaccccagg gagaggcagg acgtggacca 60
cagagagtca tgtacaggct gcgctttcac ttgtcttctc tgtctcagtc tcctgaagag 120
cccaggaag tcaagtctcc ccaccatgag tgaggggtct ggtctgacag ttgggccttc 180
agagccaggc acgtggaccg tgtcagaagc gccacctggt ggtgactggg atgctngcag 240
ggaggagctg agggcaaaac tctagtggaa atttcccagg tcggtcccac gccccggtga 300
cagggagaac cctnagagga gccccaaaac ttggaggcaa ttgtctttga ggtaaccact 360
caccacagct tttcagagac cagaggcaag acatttcttg ctaagagcat ggg 413

<210> 2543
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N51117

<400> 2543
aaagaaagag gtttaaaata ttttattaga gaacacatat caatattgaa caacacttaa 60
atagatggca ttcataataa taaggacaat ataaattctt ataatttgaa cagtcagttt 120
gttcaacaaa taaaataaat tcatttttat cagtgggcat gatccatgaa gtatatattt 180
tcaataattt attcatctgc ttagtactat atacattcat tttctttgaa aagaaacata 240
aatcaacgt gattgtttat ctcacacat cataaacaga tggacctgta aaaatggcgt 300
gtagaaaatt cagaaacact taaacagcac attccaagga tactgagtcc atttaagaga 360
aattaaactc tttgaagcca ttggtagtca gcctgggtgt catatat 407

<210> 2544
<211> 471
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N51342

<400> 2544
aatttttaaa attaaaaatg ttttattggc tattgcttta atagatttac tacaataaag 60
gaaaggaata tttttctcaa atgtgcta atagaaaaaga cccaggaaac tgaacgatat 120
tggaacacagt tttcagtggt ttagacataa ataaactcat gaatttcata tggattctgg 180
aatattttacc actactcccc taacgatgca ttttagcatag aacaaaaata tgaacatttg 240
aacaagtcca atctaacaca tttcaaaaca atcagatctt tggaaaactg ttttccataa 300
gtacccttg ccattcatgg aagagttatg aggatgcccc tgaatttatt catggacact 360
ccataactaa gaaaaagaaa accatgtaga tgggtaatat aatttgacta tttgttcccg 420
cccaaactc aagttgaaat gtaatcccc atactggagg tggggcctgg a 471

<210> 2545
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N51590

<220>
<221> unsure
<222> (1)..(269)
<223> n = a or c or g or t

<400> 2545

```

aagctttcac aatttttatt aaatcctagt ctagttgaac aatatctgat gttacagaca 60
tcatcccatg gtgaacatgt ttaataagtg aaagcaagtc agacatctca tctaagncat 120
tattttctgc agactaagca ataactacac agaacactat gggtaaacia acacctgctc 180
agttttcaca caagccatgt tgtttatcaa attagatctg cnaatattgn aatacngtag 240
nttccgngg attggaattc cccaaaaag 269

```

<210> 2546

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51737

<220>

<221> unsure

<222> (1)..(337)

<223> n = a or c or g or t

<400> 2546

```

acatagagaa atatttatat aaattatata tatatacata tatatatata tatgcgccac 60
ataatcaaca gaaagatggg gctgtcccag cgtaagtcag gctcgaggga gactgatccc 120
ctgaccaatt cacctgataa actctaggga cactggcagc tgtggnaang antgnggcac 180
agentangag ctgtggctaa gggcaagccc ctctctgcc caccctattc cttatattca 240
gcaagcaaca aggcaataga aaagccaggg ttgtctttat attctttatc cccaaataat 300
agggggcttg ggaagnagcg gtngagngg caggaga 337

```

<210> 2547

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51771

<400> 2547

```

aaagtacaga aaaaaattta ttggaaatcc cttgaatata ttttgaagt tagctcggt 60
tttccaaaca aagtaggttg gagagggttg aggaggagga gggactctga cacctggaga 120
caaacagctg gtcccagcct gtcccggggg tgctgcagga gtcagtctag ggctcattcc 180
tttcatggca ggtctgagg gcaagggctg gccttaacag ttgctttact tctcccaagc 240
tcagctcaaa gtcattggct agactcttca cagatggagc cctggtgaaa ggctgctgca 300
cctgtagatg ccaaagattg ctgcctcaga caatggctag gcctttccat gcaaggcctt 360
ggaaagagag cagtag 376

```

<210> 2548

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51773

<220>

<221> unsure

<222> (1)..(377)

<223> n = a or c or g or t

<400> 2548

```

nttgttttcc ttaaagtagg agatttaagt tctttacatt atacatttca aaggaacaaa 60
acacccttta tgaattttct catggagata gcatttacat cacagagcta ttgtgaaaat 120
aaaataagaa tgtacagcac acctggaata taaaaaacat cccaataact tacttgagac 180

```

cccgagcca tccatccctc acatataaat acaatgaacc agatgaagat ccgtgtccgt 240
gtccatgaca gcaatccatt cagaagatca aagataaata gtctaataca ccaatttctg 300
acatttgctt agcactgcag gactcatgaa gagctgccac tcatattatc tcattttaatc 360
cctacaacaa aaaccgg 377

<210> 2549
<211> 458
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N51855

<400> 2549
tagacctgta cagttttttat tacataaaaat atcacaaaat tcacaagtac aacactgctt 60
atatttcttgc ttgaagatca gatctcttgt ttattttaaga tcaacattca ccacagctga 120
aggaaattaa actgaacctt taaaagggtac cgcatacggg cctgggtggg gttatataca 180
atatattcat tgtagttgag ggtataacca tctggattca gaattcctgt gtcacttgct 240
ggtcctaata gcaactgtact cccattcctg ccaaattggaa aaaaagtgtg tcaacatcag 300
tctctggttc agaagctgca atagagaacg tagtcttatc tggccaaaag gactcttcta 360
gtcctcctgg ttctgagtag ttacaggggt acgaagtggg cagaactggg agccatcttg 420
cccagcccc tggtggctat gtttaccctg aagcaatc 458

<210> 2550
<211> 497
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N52168

<220>
<221> unsure
<222> (1) .. (497)
<223> n = a or c or g or t

<400> 2550
ttacaacat ttgagaaaac tattgtttat ttagaaaaaa gggtacactg gtagaattcg 60
gcagataaaa aaatttctctt ttaaaaatgt cactgtgaaa cttttccaga tgaaagttca 120
gcaatacaaa gctcctacag ctgtagaatt aaaacaatta tgttttgatc cccccgccgc 180
caagatttgt ctaacataat tacaagaaaa aatggcaagg gacaagtgat cgctgggtacc 240
tttttctttt ttaaacacgt ttaatgttgt acatgtacta tataaaatga ttctaagca 300
tttcataaga caatgctccc actgctttta gtgactaata ttaagaacaa gccaaataat 360
aaattaaaac agtttttaaaa tgaggtaaaa tccaaagggg ttcaacaatt gggtttatatt 420
cagttttccaa caataaaaag ggaagcnttt cngaattggg ataaaaactg gnaccnnggc 480
catatttagt taatccc 497

<210> 2551
<211> 509
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N52271

<220>
<221> unsure
<222> (1) .. (509)
<223> n = a or c or g or t

<400> 2551

```

tagcacaagg gaaaaaaatg ggaatttgcc taatataggt gatgaagcat acacaatgaa 60
tagaaacaat cacatttttag taaaaggcaa aaatttgaga cttataagct atatggtagc 120
ttatTTTTTg gtggggaaga aatgagaaaa gaatataaca tctcttactg gcatgacaca 180
ttttgataaa aaatcttatt gtcctttcct actagaatga tccactgtaa ggcaaaaata 240
atatacaagc gaagtTTTTt tttggngaca cagtntcacn ctgtgtnccc ccaggntcgg 300
angtgcagtg gtacgatctt ggctcactgc aacctctccc tcccgggttc aagtgattcn 360
cgtgcctcag cctcttgagg tagctgggat tacaggcgcg tgccactgcg tccggctaata 420
ttttggaatt tttagtagag atgggggttc accatgttgg gccaggctgg ttctcaactc 480
cgggacctca tgtggtccac ccaccttgg

```

509

<210> 2552

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52322

<400> 2552

```

gagatttgtc acatttttatt cagtatttct gctgcactgc cagcctaggg atgcacttga 60
ttcccaagaa atgcaactgt cctatttcga gagccgtcca caggtagccta cccctggac 120
tgcagcaact ttattacctt aactagcaca gaacagaggt tgattttaaac tccttacact 180
cacttctcag atcaatgaat gggcaaagaa acacctcatg gctctgggaa ggcatgctga 240
gacccgtttt tgcaagtcct gaggaatgga agaatatagc tgccagggtat cccaagtcta 300
gggcagggag ggtagtatcg gcatcacttt cactgcattc tgttggtcaa cgcaagtcag 360
aggctcagcc cagatccaag ggcagggaag aggtccatc gtgtagttag gctcacttgg 420
aaggtaatgg gaggagttag tggctgctt aagacacata ccacatctag atttcaacct 480
ccagaaaagt cc

```

492

<210> 2553

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52845

<400> 2553

```

cgggatactt tatattcttt attattttta tgtacaacca actctagtga agaacctaaa 60
aagctacaga cttaaattttt ataaaatctc aggacctaat tataagagcc caaacaacgg 120
tttagtatca ttttagcaagc ggggattttt ctccctccaa aaacgttaat tttgaaaaat 180
atggttaagt ttaaaaagtt gcaatgtgta aacggcagtt ccatgggatg tgaaaacgat 240
tatacgttac tttcattaaa aaacagcaca cttcgaaaaa tggattgaag cctgtacaaa 300
aagctattta acactgattg ataaaaaata aaatactttc ggaattatgc acaagtatgg 360
aagctacatt ttaaattttc attgggtcatg tctaaaacgt acaccattac ctttacgttc 420
atttacttta ccaatttat

```

439

<210> 2554

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52985

<220>

<221> unsure

<222> (1) .. (476)

<223> n = a or c or g or t

<400> 2554

```

ttnggagtta cttaagagtt ttacttattg ctgttcttaa attccttccc ctaccacttc 60
ctcttgggct tttttatttc tcttggtgat caatctcttt tttgtgatac ttttcattga 120
atcatctcga ctccctttatc ccatccttta ctgcactcaa actccttatg ctgaactttt 180
caatccaaaa tttctattgt tttaggactc tgggaagcag ttgataaaaa gataaacacga 240
gctactgata tggtcaggag atgttttcta aacaaattgt agaaatataa acatgaaatg 300
tggcaatgat ccctttaatt agatcattga gcaataaagg atatgaacca ttagtataaa 360
tattcaattc agtctttccg gattgtgttg ttagataaga atacatccaa aaagggccac 420
agatcgaggg agaaaccaag gaggggtgag gtcatgggtt gagtgttaatt ggttct 476

```

<210> 2555

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53031

<220>

<221> unsure

<222> (1) .. (465)

<223> n = a or c or g or t

<400> 2555

```

acaatttaat tatttattag tttcctcaac aacagttaaa acaacacaat cctgcatgaa 60
atggatccaa agtatgctga gtatttgcaa aacagtactg atactgtcag tggacttctt 120
aatgttcttg tttccatgta caatcgtgtg acatgtagtt aagcttagta aattgttttt 180
catgtaacct gtgaattgga acaataaatt tcaatataag ctcaatacat ttcaatataa 240
cctcatatgg ctttatatca tttttgtttt ccctaattgt ttcctccttg acatgaaata 300
tttctaattg gttaaacagg tactaaaaca aattttggac ttgacaagggt aagttttgaa 360
agatgttttg tcacaagaag aaagggnatct cttgggatca caaacgtctt cctggttgga 420
ataaacnaaa ggagttccct ttattggggg tcccagcttc cagcc 465

```

<210> 2556

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53067

<400> 2556

```

caaaggacaa aagggtttca tacaacacag tatcaaaaag taaaaggaa acactaaatg 60
cacaagctgg tggcaagtaa gtccacagcc tattgtgata ggtccatcca gcatcaatca 120
gatttcttct catctgttat ctcaaggtta tttacagatg tgttgactaa caagagtctc 180
tcatgggagg atgggcaggc ttcaatcatt ggtttcggga tctgtctgcg ccatgtaggc 240
atccaactca gcatccagggt gtcttttgtt tttcgacata tatgcatcca attggttgtc 300
cagctgctcc ttgggtcaat acagggcgag caagggcacc tctccctcgt ccacggcctc 360
ggcctcgggc tccaaagccc cctcttcccc gacctatcat acccgcacct ctaccacccg 420
attccggcac gacccatagc tccaaggcct agggcccttc ttccaggacc tg 472

```

<210> 2557

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53352

<220>

<221> unsure

<222> (1) .. (485)

<223> n = a or c or g or t

<400> 2557

```
gcttgaactc tggtcggtat gagctcctta aaagcaggta ctgggctggc tgtggtgact 60
catgcctgta atcccagcac tttgggaggc tgagggtggga ggattgcttg agtccaggag 120
tttgagacca gcctgggcaa catggcgaga ccctgtttct acaaaaagaa aaaggaaaaa 180
aaaaagcagg gactgtcatt ctcatctcct ccctggggta tccacaggaa tggacattca 240
aatggttgta gcctgggtggg gtagaaggca gagaagacta cccagccagt gaagtgcaga 300
ggatagacat aggaaaacat tccaggcatt tggagacagc tggaaagtat ccatgcttga 360
cattcatgga tttagaagtc nttaactgaa ttattaaaat tgcctttttt ttgtgctgta 420
caatgtctac tgtactgtgg gtcatttaga tgagatgaaa aacttaaatt aaatctggaa 480
gtggc
```

<210> 2558

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53549

<220>

<221> unsure

<222> (1)..(438)

<223> n = a or c or g or t

<400> 2558

```
atagatagaa cttttatgat gtgttttatg gtttacaac cacttaaagc tcaccatttc 60
ttttgattct tacaagaact ttctttatgg aaggaaacat tatcctcttt tcatctccta 120
gataaaaagg taaattatgt agcatataaa tgattttccc aaggctaatt cggacgagac 180
agtagagctg ggatttggat ctagttttct ctgagtcaaa ttcctctgat ctttcttgaa 240
agtcactttc attttgtccc aacacatctg agcagacacc agtggtttca gaacacgtgc 300
catgtcttct tactttcctt gcccctttct ttcttaacaa tattacacct gaggaacagc 360
gcagaggcgg tnactgactg ggggaaatgg gtggataccc attctaaact tcagggctca 420
gcttctcatt ggttgggg
```

<210> 2559

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53757

<220>

<221> unsure

<222> (1)..(498)

<223> n = a or c or g or t

<400> 2559

```
tttttttttt ttttctgcca acaaagtgtt attaaacacc tatgtgcaca gcnaggagcc 60
aggatcttca tctccactgc agttcatgct tctggagagc tgtccaaaag ctcgggttgg 120
gctggtttga ggcctgggat ccagcccagag gtgaagatgg gaggaccagc ccagccccc 180
gagctcccag ccttcagact cctgggtggc cttgactggc agcaacagcc ttaataagta 240
ttggagctgg agaccaaacc caacaccatt ttccaggagg ggctaattcca tgaccaaggt 300
gcttatgaga gcatccttcc tgggccttat gagagcatcc ttcctgggcc cttctcttgc 360
cagaaaaggc cgtggatggc agacctgcag gtgcgccttg gagggaagtg gctgccgacc 420
ggnetccan agcgttggct cttggcctga gctttgcctc tctctggnet cctgtgaaat 480
cacacccagg gtagtggn
```

<210> 2560

<211> 260
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N54053

<400> 2560
acaggaaaaa taaggcattt attacagatt gaaactgata agaagaaaaa tcacagaatt 60
cacaaaaatca ttctttgttg gaacttttct tccttccatt gcatttttgct gttaagagaa 120
aaggagtgtg agggtcagac caccgtggca tgcgttcaca ttccagcttt ggaggccagg 180
gacccaggac tcctgggaat tattcaaaac cagatccgat gataccagac actagagcag 240
ctatgaaaga agcagctcct 260

<210> 2561
<211> 226
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N54067

<400> 2561
tttttttttt tttttagaat ctgaacagca ccagctgcat tgcacccttg atttattttg 60
gagtaagaaa aaaaaaaaga atggggataa actggtatat aagaggaaca ggaaggaggg 120
gagagaaccc aacacatgag gtctgcacac acagctgtcc tggttgccct cgggtgcagct 180
ccgagctcca gttacaagga attccaagtt ctcaggatct tgaaag 226

<210> 2562
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N54265

<220>
<221> unsure
<222> (1)..(360)
<223> n = a or c or g or t

<400> 2562
taaactccaa agccaagggt ttttattact ggtcaaaagg tgctcgctaa caaaacagtg 60
ttggggagag gtacattcca cagctctgta ggagccctag tgggncatcc tgccccaacc 120
cgccccgcct ctccantggg nanattntaa ggnatttcac acattggngt tttcactttt 180
tttttttata tatataaaaa caaaaccagt cctggagtag aaagaaagac cctgtgatga 240
acttttagga ctaaactgaa atggaaagga ttggagtgtg ggattctgag gggctgggtc 300
agtggccatg gtggtccagc ccccatggt tggcagaagc cgcttgaaa ggggcatgag 360

<210> 2563
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N54311

<220>
<221> unsure
<222> (1)..(475)

<223> n = a or c or g or t

<400> 2563

```
gattcaacaa tacattttta atatagcttt aaaaaggcaa acgaatttta agatcaccag 60
gggcaaatgc agagcataag acattcactg gatccagtta cgtgtgtaaa tgccctttac 120
caagtcaata ctattaaaga gactagtggg tcgtggcaga aattgtttct gcttataagg 180
gaggcaagcg aggttctagt gtcctcagca aaggcacaaa ctcatagcat aatgccaggc 240
cagtcattta acttcccaga gtctcattcc cttcgctgac aaaataggaa gattgaatca 300
gttgatttct catggattaa ctattttcat atccagttaa ttttcagctt atcagctact 360
caattgccat ctgcttttct tctctggtct tccatcacaa tggcnaatgc cctcccatgt 420
gtatctcgtg attgggctgg ttgttccttc ctaccactcc tgggtgacat actca 475
```

<210> 2564

<211> 157

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N54395

<220>

<221> unsure

<222> (1) .. (157)

<223> n = a or c or g or t

<400> 2564

```
tttttttttc caagagccaa gcagacttta tttctgcagc aatctctgct ggtcaggggtg 60
cctgntcct ctaccactg cccttcatgg ctgctcagt ggnccgcagc tgtggccatg 120
cagccacact gtcaagggtc agcgatgtng cagtcac 157
```

<210> 2565

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N54399

<220>

<221> unsure

<222> (1) .. (476)

<223> n = a or c or g or t

<400> 2565

```
aaatatttct attacttttg cccctactat attccatcta agaatacggg cacagaagaa 60
tgaaagtgga gtgaaaggta agaaagaaaa gtgagatgat aagaaaggga ggaggaaagg 120
gaatggacaa aaattagatg gtctttttatc caatttttag cacaggcaca gaacaatgag 180
gttggcatca ctctaaacta atccacgtta actgactaca aagatgatan gaaaatgaaa 240
ttaatgcatc ccataaaaaat gcagttctaa tagatgccaa ngatgggcat tatccagaag 300
cgctgtagaa ggactctgct gtttctcagt aggtgggtca ccctttgcct tcagaacaca 360
tgggtcttct taagtgatat ttccatatca gatggtgaga tttgtgggtt tcccaaactc 420
agtcctgacc ataagaacag gtaggtgaac cttgttaaaa tatngcagct cccagt 476
```

<210> 2566

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N54417

<220>
 <221> unsure
 <222> (1)..(506)
 <223> n = a or c or g or t

<400> 2566
 tttttttttt aaagataaaa aaaacctttac ataactttat ttttcaaaga ctaatatgtc 60
 tcagggtacat ttagctacag tacaaaggat aagaaaatag cgcctaggaa ttttttaggt 120
 tgtagagaat ctcaactggc tttacctttt gtattttctc tccacttctc tagcaaagaa 180
 gacagagtgc tcccattccc acttcttcag cctattgggt cacaaggggc ctaattttca 240
 tgcgaacagc cctgagggaa taatctgccc ctctaaagga aaccagacc actccattct 300
 caatctcata aggactgtta ttccttggt cataggagcc cccagggtag tagattccat 360
 tggngattgg ctgcttgga gttattatac caccagcctc ccccatngac ttctggaaag 420
 ttctcttccc aatgggtctg atccctgtca aagggtctga actggcatgg ttgnttgtna 480
 gaggtgtact ctggnccctt cctctt 506

<210> 2567
 <211> 511
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54429

<400> 2567
 cggaggtgat ggatatattt aatatcttga ctgtgccagt gatatcatgg gtgtatgcat 60
 atttccaaaa tcatgaaatc gtatatgtta aacactttgt atgacagatg catccgacag 120
 cattaactca agcataccct gagaatgact gtatgggtcta agaagaatat gtgttcagag 180
 tctaagctaa ggaatccggg aatggccaac ccagagagat tcaacttcta tctgtgaagg 240
 acacttgaac tccctgctg tccgttgga ctcaggatgt gcaagggaacc aaggcctttt 300
 attttggtt aaatggaggt tgctaagtgg agagtgtctaa gtagaaatgt tatataaact 360
 acatactctt tacaaatagt agcgggtcctg tccagcccac tgccactggg accacatctg 420
 tatttaagtc ctaaataaac cctatgtccc attcactggg ctctgggtct cttcttgga 480
 aaggcgccat ccctgttgga atcaataggg c 511

<210> 2568
 <211> 497
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54511

<400> 2568
 atgttgatga tgttttaatt tctagaatat tgtatgacat ggaactattc agaattcctt 60
 taaaaaggaa tctgtcttga ttaataacat tattaaggta ctttcaggct ttcccttaac 120
 tccatcgaga aggaagagg agtatgtgag tacatgtgca tgtaatgggt caggaggaac 180
 agaagcaaag aaggaagcac gtgggaaagt gagatgtcca taaactgaaa aaccaattta 240
 cagaaaggca tctgatgtat tttctaaata aggccttgat cagggttaacc aatcctcttt 300
 gtagcacatt ctacactgcc cataaataaa ggagtctctt taaattaaca tttccagtat 360
 caatgaacag tccagaaatc ctcatctcaa gcgttcgat agtccctggt gtgagtcctaa 420
 ggtgcagaag ttgtgttcgg gagaggttg caagggttagg gaaggccgca agcagcttct 480
 ccccatgcc gttccag 497

<210> 2569
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54604

<220>
 <221> unsure
 <222> (1)..(274)
 <223> n = a or c or g or t

<400> 2569
 tttgggtttt aactaaatta aatgttttta acaagttgaa acgtgaatca tttaaaaaat 60
 tgctatcaga tccacagagg gcaatccact catatagttg actataaagc ttgaggagga 120
 attcataaaa atctaaaggt ttacacatg cagattgatt aataaatgtc gagatatggt 180
 ccacttcana aatnagggaa gtnattattg gtagatgttg cactagagca tagtttatgc 240
 aggggaatgca ccccgagacc cttctactgg gtga 274

<210> 2570
 <211> 488
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54792

<400> 2570
 ttcataatctt aaaataatct tttatttgct caccatagac attctgacct acattacatt 60
 gatatacatt atatttatct gcagtgagaa ctgaataatt taccacacag tataaatcac 120
 aaaattataa ttcttgaatt tctagcatta ttgttatgca tgtgagcggg taaccagaat 180
 aatcaaacat cattgatgtt aatctaagtg agaagttggg aataaacact tctaattatg 240
 aatctagaaa tttcaggaga caaattccac cattgaattc ttgtatcttc agaatcagac 300
 ctagcatata taatcagaaa ataaattttg aagttcaaatt cagtgggtgtg tgtgttagaa 360
 atgtcaacat gtaaaacaga atgctagtta acaatcacat tttcctaaga aaaaatttgc 420
 atcttaatca tacgaatatc acgaaaacag accattttcca gttttcactg tagtcctgga 480
 tgggttttc 488

<210> 2571
 <211> 320
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54841

<400> 2571
 cacagtggca gattttcttt aatagatata tttcaaacag atacaacaaa ttaaaaaatc 60
 taattcacgg caggtaaaca tgggtgctca aaaagttcca catagacatt tacacttggg 120
 ccatcagtat ttccctcaca ttcccttttg ttaagtccca tcttcgcagt ggcagtacag 180
 gagaaatctc caccgtcacc gcacaatcca ccaggcgcac taccacctga agtgaagggtc 240
 tcatctcgaa ggtgcgctca gccataaaaa gaaaacatat tacagaaagg aaaaataagt 300
 gtgctcttcc caccgcgaaa 320

<210> 2572
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54950

<220>
 <221> unsure
 <222> (1)..(459)
 <223> n = a or c or g or t

<400> 2572
 tttttttttt tttttttttt ttttttgctc tgaggaagat ttatttgctc tgaggctctg 60
 catccccag ccatcccccc agagcctctc cctgtgggaa cacaggacac aggcagagtc 120
 ctcccanag cttgcatctg tcccctgaac agggcaacct ggacgccagg ctnggatgga 180
 ggggagaagg cgatgcagcc gcaatggtag tctccanggt gtntnaggag ccggcacctg 240
 ctctcacacg atgccatcaa agccctgcag gccanacttc ttgccggcca cctggaaccc 300
 gaatctcagt gcttcctgca cgctcctccc ctgggagagg ctnaagatna cggaggcatt 360
 tnaagggtgtc tccagtccca gtgtatccan caccggggt ngcgggaaag catccgagtg 420
 gagcaatttg ccatcanggn ccaaggngtt ggggccttc 459

<210> 2573
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N55272

<400> 2573
 tccatttttt aatcttcttc atttaactaa aacatacata caatagtcta caaatcttaa 60
 atgtacagct taatacattt tacatatgta tatactcatg taactaccac cttagattaaa 120
 tatatttcca gtgcccctgc atctctttct ggtcaatatt actccaaaaa taaccacttt 180
 tctgacttct gttaccctag aatagttttg cctattcttg agcttcatgt aaatggagcc 240
 atgtggagcc cagacttttt gactcaatat aatatttttg agattcatgc atgttggtgc 300
 acatatcagt catctgtcct tctctattat tgcttagtat tccatgggta tgtatttact 360
 acaatgtctt aatccatttt tctgttgata aacacttgag ttatttccag ttttgcaaaa 420
 agctgtttcc t 431

<210> 2574
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N56935

<400> 2574
 ttaaaatggc ttttattgag acacttgtag ggattctgca acatttccag ttgggaatct 60
 ttatttccaa ctcttagggg ggctaaaccc ttttctgaat gccaaaagga cactctcacc 120
 accttaatga ggaaacacac ttatctgtgt ctgttccgat atccaactgg gacctggacc 180
 ccaagccccc tgggtgtctg tacaagtctc attagtctc caggtacaac tcagaagcct 240
 gttaatcagg gagggtaatt tccaaataaa tgtgagctgg cctaaatcca gctggttatt 300
 tctga 305

<210> 2575
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N57464

<220>
 <221> unsure
 <222> (1)..(300)
 <223> n = a or c or g or t

<400> 2575
 gaatcatctc ccgctttccc gggactttgc tttcactttc ntcagtcttg tggacagagt 60
 caagtagatt ttcaaaagtg ctccagaaaag gccggaatag tcatgtagtg gatgaaaagg 120
 gcagtcacaa aactgcttaa gaccagctgt cttgccagta attgcagtgc ttttaagattt 180

aattaaaaag ccgcctgcct ttaacccaag aacacttggt attagggcac catgtcttgg 240
tcacggctgc tacgtgtatc tgatgtaagt tnaccatggn ctgtcatnat tatnttgctg 300

<210> 2576
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N57934

<220>
<221> unsure
<222> (1)..(388)
<223> n = a or c or g or t

<400> 2576
ttcggtgcca aaactttact ggaggtcaca tgggactagg ggccttctgt ccctgccagc 60
gcctccattc ccaggcgatg ccccgctgcc tgcccaccta tcctccgggc cccacacgaa 120
caagctgtgt cccacacgag gtcacagctc ttccctctgg ggatgggcga nggaaggggc 180
aaanaagccc ggaagaaggc ctcccggaac cgtcaactcc tggccgggtc tccaagcaag 240
tccaanaaca agtgggaaggc tggggctctg gntttcctgn aagaaggctg ggaaacaacg 300
aatggttgat tctggtnctt aaaatggctc cgtcttctga atgttcctc aaggtttaat 360
gancacgttt gaaaatattg gggccaaa 388

<210> 2577
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N58009

<220>
<221> unsure
<222> (1)..(512)
<223> n = a or c or g or t

<400> 2577
tttttttttg tgccaaaact ttactggagg tcacatggga ctaggggcct tctgtccctg 60
ccagcgctc cattcccagg cgatgcccgc tgccctgcca cctaccctcc ggccccacat 120
gaacaagctg tgtccccacc gaggtcacag ctctgccctc tggggatggg cgaggaggag 180
gccacagagc cggagaggct cccgcaccgt cactcctgcc gggctctccaa gcagtccagc 240
accagtgcag cctgggtctt ggcttcctgc aggaggctgg tccttaaatg cctcgtctgt 300
gatgtccctc aggttgatga agcacgttga aatatgcgcc aaacacaccc atntccaggg 360
ctttggccgc cacctggagg tctgaccggn aggccaggnt tccaaaccgg gcaagttcct 420
gaagggcccg caaaaggaag gcaacggttt tcgcaaagtt tngggaacaa gaaaattgcc 480
ggcttaaaac ctctgttagg ggccnccttg cc 512

<210> 2578
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N58326

<400> 2578
ttcataaata agtattataa ctttattaaa atgaaaagac aatattcaaa ataatgcaac 60
aaaatgaata aaatcctttg tccaatactg tacacataat gcagaaatca gtgcattttt 120

cttaagcatg ttttaacctt catttagttc atactaaaat ataataagct ttaaatagct 180
 caaataatat tcagcagttt aaactgtaaa cagcttggtt aactgttaag agaacattgc 240
 agtaatgtac ctctgttagt gagcaccttc tcttctgtgc ttatctcttc aagataaata 300
 catggaagga tgtggaaatc gggaaccacc aacta 335

<210> 2579
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N58463

<220>
 <221> unsure
 <222> (1)..(299)
 <223> n = a or c or g or t

<400> 2579
 gtcacttttag actttttaat atttcataca gcgattatgg tgcattcagg aacccaaccc 60
 cccaaaccca ctaggagggc tcccacccct gccctcccac cccatttcag ggccccaggg 120
 cttaggggtgg aggaagggga ggtaaccacc catccaggga ctgacctgg agactgtccc 180
 tgccttgcct caccctcccc aggagatagg gggcaacacc tgggcacac ccctcacacc 240
 cccctcccc aancctgctt gtgcacatat gcacattatg ggtcctcgt gagctgggtc 299

<210> 2580
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59089

<400> 2580
 acaaaattta tttagaaagt tacatatgca catatggtaa aaagttcaaa aagtggcacc 60
 aaaagatata acagtgaata taaggctggt tcttggtttt atccactgag gcaaatactg 120
 agtttatatt caaaggattt ctctgtgtgg cacaatcacg cttgcatatg ttaaaaaata 180
 caaaatggta tcatacttgt tcctctgcac tttctttttt ttctttttta caacatatct 240
 tagaggtagt cctattttcaa tttagctaga cccatttcct tctgtttaat ggctacattt 300
 cgtttttcat tgtgagactg tgccataatt tatttaatca gtgccatatt gaaagacatt 360
 tggatcggtt cccagca 377

<210> 2581
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59231

<400> 2581
 tttttttttg gcaggggaaa gccagcttta ttgagtaaac ttcccaggac ctgggacatc 60
 ttagatctcc ccttccccc ggagatagga cccctaaacc tcccctgggt cctaggacac 120
 ctgaccacac acttgtagtc tccagtggag aggggacctt tatttgcaa gagatgaaca 180
 tgtaagcagc tgtccgccgg agaaaggacg atggctgaaa ggaatgaacc accgcaagcg 240
 gtgttctctc ctgtccagct gtggacagga cctccacggc ccggccttcc tggcctcggg 300
 cacttggctt ggccctgggt gccgtggcag cacagcttct gttgaaggct tggggatggc 360
 caggctgccg gtctggggca agatcactcg atttccagga tgaggctcgt accttcca 418

<210> 2582
 <211> 463

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N59283

<220>

<221> unsure

<222> (1)..(463)

<223> n = a or c or g or t

<400> 2582

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cttttcatat ttcaacttta tttaaaatat gaggttttat gtccagaagg gagggcagtt 60
gccatcggaa ggtgaagtga ggcacaatac tattgggttg cgggcccaagt acacaggggtt 120
gcaactgtgaa ggaactgagg aggttctggg agggcctggg gacaacaatg gatttgggga 180
gatccacaaa ggaaattttc atttcctccc caggtagct attcagtggg tggattattc 240
agtcttttta agcaagggtca ctgctcctta gcaacatcaa caaaagtgcc aaagctgagg 300
acacagagaa taccatcatt gtcttttggt tctctttatg cctggatggg gaaaggaatg 360
gaaactaata gcagaaaatg aaacatttcn ggatgttatc ccttgccatg aagaatcacg 420
ggcttgtgta gagacctctt tcctttcctt tttttttttg agg 463
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<210> 2583

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N59474

<220>

<221> unsure

<222> (1)..(396)

<223> n = a or c or g or t

<400> 2583

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gaaaatgagt acattttatt gtatataaat gacacctcaa taaaaacgaa agatgtgagc 60
aacatcctgg gaaaagaaaa tgtgatttca ccttaagtgc tttanagaat tctattatat 120
gcctcagctc ttactctttc ttcttttttg agacagagtc tcgctctgtc acccaggctg 180
gagtgcagtg gccacaatca cagctcactg cagcctcgac ctcccaggct ctaagaatcc 240
tcccacctta gcctcctgag tagctgagat tacaggcatg agcactgtgc ccaggaactt 300
actcttgccg gtaaaaatac agctctgaag tgaagaaatc ccaggngcca catcaaggag 360
gcgaaactag agtccgcaga ggccagcccc gcacga 396
```

<210> 2584

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N59532

<400> 2584

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ggcaagtaag aaggaagttt aatttttttt tcaggattca gtggagtcca ttaatgcata 60
ccaggggcaa agatcagccc agggtaaggc aagtctggga ggaagcccac cctgccctac 120
agcagccctg gaactcagaa taggtggtga gtctgccatg gtttgctact gggcagcaca 180
ctagaccaac ttgggaatgt ggaagagtga gtctatgttc cctcagccat cccaagttt 240
acacacaggc atagcagccc tactgtgagt cagcaatcat tcctgacttg cagtaaggac 300
aatttgcatt tacggaaagc aaactggagg gggtagccta agtccgcact gcccatgtta 360
ttaccctttg caatgtgaaa aacctgggtg aggtagggtt ggcaggtttt atcctctcca 420
caaaggtgag cctttgctcc acagc 445
```


<210> 2585
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59536

<400> 2585
cattgctaag gaagaactcc ctctgctctt ggaagatttt ctactctact gatcttattt 60
tatttttattt tattttttacc tgatgattgt cttaggcacc ctccttacat aataaaccat 120
caagctaact tgaacaggga aactgagtca cactcaaaca atagctaagg tcaaaagtgt 180
agtgaaagta gaaaaagtgg ggaagggata ggtctaagtg agtgacagat gggctgattc 240
agacagggca ataagcacag ggagatatga agacaactac caaagcaagt ggaagacaag 300
gttttcaact ttattgtatt gaaaaatact tgtcacttgg ttcagatggc aaatctaaaa 360
tgagcccaca atgattatgt aataaatgca gaacgtacca caacaaatcg agactaacac 420
agaaacagaa gatgtgac 438

<210> 2586
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59543

<220>
<221> unsure
<222> (1)..(428)
<223> n = a or c or g or t

<400> 2586
aatgggtattt attctagcaa ccacaacatt gttacaaaag cacaatttta ataggcttat 60
ctgctaagat gctttttataa gcagctgtca cctatacaga gttatgaatc atctttgggtg 120
ctcaagggaac ctgtagaagt aagagacatc atcatacaga gaaatgtagt taagttaagt 180
tgaagcttgg aaaagatcac atgaaaaaaa tctagctctt gccttatctc ttcctaagtt 240
aagcataaat tagccgtctg caatagccgc ctgtaagaca aatgataaca gaagacaatc 300
acacatgggtg aatcggtttc cagtggagtt tttcttctaa agagacagta aacaggtcac 360
aactcattcc ttgagaaagg attcctatta aataccaga aacagctatc aaataaacag 420
ccaaagcn 428

<210> 2587
<211> 434
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59550

<400> 2587
gctctttgag aaagtttatt ggcaccagga aggggtgttg gagctggcaa ctacaactgg 60
tgagcaaccg ggcaggcaaa attattccta gagcttcagc aagttctctc agcagttatg 120
gacaaagctg gtcccagctt acagcacgca gtttcaccag ctggatgtgc agagaattac 180
attactagat taatgttatg tgccctgaggt gcttttatcc ctggcttctt gacttttgat 240
tgggtgtgat aagaatgact taatttggtg taatccactt tcacagcact gagcatactt 300
agtatgtact gaggggttgc cgaattaacg gtgtgtaccg caccaccagga aggcctaatag 360
aagtaggatt actgcttaag ctaagacctt tattaaaatt ttgtcctctg gccagtcgtg 420
gtggctcatg ccta 434

<210> 2588
<211> 413

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N62126

<220>
<221> unsure
<222> (1)..(413)
<223> n = a or c or g or t

<400> 2588
aagagttgca tattttactt tatttttatt aaattaaaag ctacagtctg gcagcgattc 60
cagaacaggg taaggagggt cctcacaggg gtcagagaag agcggagaaa gacagactga 120
cggagactga gacacaggag agaaaggaca aggttaaggg agaactgtat ctgatgaaca 180
cacacagccg gctccatggc gggtgacggg gagctcacat cagcccaatt tctcctcccc 240
ggcacccgaa gttcagcggg ggagcagtat gtggggggcg ttaggaatca agagaccctc 300
ccttccccac cctaggtcct tntctcggct tggctcgtga gcacagcaca ttaccagaaa 360
aagncaaggg caattgangg gcagggaac cgggagnata ttntacacgg gga 413

<210> 2589
<211> 453
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N62443

<400> 2589
ttcccactaa ataagaaaac ttttaataaga tgattacaaa gaaattaata aagaaataga 60
aaatgatagc agcttcaaaa ataccagtct ccctgtttta aaacaaaatc aataaaatca 120
gtgaatcaca attcattgaa ctcatctctg gctacaagga agcagctgga tagatccact 180
ggcaggcagc cctgcaggat taaaatgagg cccactgcc aaaaagcccca aatgagatgc 240
cgtcctcctc atcctcacac catcctcatc aggcaggggaa ggaataggat tagactccct 300
attatcggag aataggttga ggcacagagc aggaagggcc ccttcttaat atcatagagc 360
ccctctgttg ggtcagacca gaactggggg cagaggctaa aggtgagacc cactgctgtc 420
caggagcaag ggggctgggg ggtaggggct acc 453

<210> 2590
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N62487

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

<400> 2590
agacatatTT tcatttcttt attagaaaga ggtctctaca ccatagccac ctctctctgt 60
tacttttacac atctttcttt ttctttttcc cttagaatac tgtacagcgg acacaaaaaa 120
atcccaaggg aggaaaatac aaactggcat atttaataca aacaagatca tatgaaataa 180
caagcaaagt gaaatgtctg tcaatggttt taattacagt acaacaata taaataaagc 240
atcattgagt cattgtgaaa cataaagttg ctgaatgagg taatagaaaa catccaaaaa 300
aaaaaccta acccatctgt ggatacacc acgctgccct tccatctcta tacactngct 360
atttacagaa acagaaaaact ggctggcaag gtgggt 396

<210> 2591

<211> 413
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N62523

<400> 2591

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tgaaaggaaa aaattcaaag tttattcaac attaagaata acagacagat aaagggttgg 60
acttaacagc ataaatacca ccaatatcat ggtgtacaat taaactaacc tcatgtcaac 120
ttgtacctgt ttaacagatg cgatctttgt ggtgttgcca aaaggataat ggattattgt 180
tatgtttggg aagggtgctc aaattaaaga ctttatgtcg acttattcac acacatacac 240
acacacacac atgcacgcac acacacacac acacactctt acacttagcc tcctgcaaaa 300
tgtattgact ttagttgcta tatccgattc ggataaaggc tttgctcatt ttttaaataga 360
cattattaat tgcagaaaaa acgtggagga gaccttggcc ttggcaggtg ggg 413
```

<210> 2592

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N62652

<400> 2592

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aaaaagatac actttattta tttttctaac caggaaagaa tcatgatatt tgctggggtt 60
actgattaaa aactaccacc accaaaacag aacaaagacc aaaaaaaaaa aaaaatgaag 120
gagggatggg tatcatcaa agaaattctg tctcaattac agggaaaaat atttagtttg 180
ttcaccagtc aaattcaagt cacagacagg cagcttatac acatttaaag acaacaaaag 240
gttttagggc ggacgagcaa caagcagagt gtaaaaagag gcggggaggg agctggagag 300
ggcagctggg gaataacgtg ggtgaggaca ggtggagtcc atagcccaca cgttgaaatg 360
ctgcaaaggg cgcaggcagg cgattatacc ccttacagat ttccgttttt gtaa 414
```

<210> 2593

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N62675

<220>

<221> unsure

<222> (1) .. (437)

<223> n = a or c or g or t

<400> 2593

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catatagtca gttaaacttt attatttaca agttaaatta cacagcagct ttacacagca 60
tgagatggaa aggaaggaag gagagaaacg aggagaggaa gctggctcct gagattcttg 120
gctgcctcca cctccttctc ttgggcgtac agtcttcagt gctgcctcca ctccaaggtc 180
aaggatcagg gcttggaaca cagggtttaag tcagggttctg gctctgacag cccaggggcc 240
accagggctc ccactagcag cttcttcaca ggcgttgagg gtgagtgtga aggcattcagc 300
tgcagggaga aagggttaat ccaggttnggg ggaggcacac aaatgttcta cccttttaac 360
cccaccagc cctaccctaa gggactccaa tttatctaag acgatgggag acaaatgang 420
gccacntgga atttcaa 437
```

<210> 2594

<211> 242

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N62819

<400> 2594

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ggtgctgggtt aggttttatt ttaacaggat gttttctctt atttttcaaa atatcagtta 60
tatcaatatt agaagtgtaa acaggtacaa aatatacagt acatagaaac aattttctta 120
actagtctat cgcctaataa aagtatgcat gagggggctg aatgaatggg cactgccagg 180
tccctccgtc tgcaggggaa acaagaggac cagtggctgc ttcaacaaaa caggaatgga 240
ta                                                                 242
```

<210> 2595

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N62922

<220>

<221> unsure

<222> (1) .. (497)

<223> n = a or c or g or t

<400> 2595

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agatttttag aaattcattt atttgcaaat tacagtgaaa aattttctctt ccagatgcat 60
ataaatccga agtttttatt ctagtgaagc gtacagaatg ctattgttat gacattttaag 120
tatcataaca taatgtagct aataaaagctt tttaaaaatt atggtaaagt gtatgtgaaa 180
tttaccatta gtgacattga gtaccttcac catgttgtgc aatcatcccc aataagtagt 240
tccagaacat tttcatcacc ctagaaggaa actccttttt agcaatctct cccactcct 300
ttctctcagc ttcttacaac catttatctg ctttctgtct ccatggattt gcctattttg 360
gatatttcat ataaatgcac tcatgcaata cgttgccttt tgtgtctgcc ttctttcact 420
tggggcaaaaa tgcgctcaag ggctcatcca tggcttttag angtaatcag tccctcattt 480
cncttttatgg gctgaat                                                                 497
```

<210> 2596

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63047

<220>

<221> unsure

<222> (1) .. (419)

<223> n = a or c or g or t

<400> 2596

```
nttatttttaa ataaatattt taattctatt gttgacattt acaagtagaa agcatacagt 60
atgttacaaa tatcaaaatg agaaaaatat gaatgttaca taagtaacaa atataaaaaa 120
agtatttttct taccttccct gaaagtaaga aaactattca gcataggaaa atatcagtat 180
caaaaacaca gcttaggtgt aaaaaaagtt tttacacagt atttaaaaaa aatgatctac 240
aaaatgacaa agtaagtgtt gaaatctgat ttcatataaa ttataaaaaac tgggtactta 300
gagtaaatgt tatctgggtg gaaaataagt ccaatcataa gctttcctta ggtcaattct 360
ttaaaatatt aaaagcatac cgaaaaattt tccaataaat aaccttnaag aggggttcc 419
```

<210> 2597

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63165

<400> 2597

```
tcccgagaaa aaccaattta atgcttctgt tctcagcatt tcacagcatg caggactcaa 60
atggatacaa cagaagaaaa aaaccacaaa tttttggaaa agcctttgtc caatgattaa 120
tattttgata tctattgaca atcccttaga acttttaaact tcaaaaacaa aaaagtactg 180
tggatctcca tagtttatac agaattatgt gaattctata aacttttctg aacaaaacaa 240
ttacatgtca agaattccatg aagcctggaa gatacgctca cgtttttgag gtttgtatta 300
atgccagttt tta                                     313
```

<210> 2598

<211> 472

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63172

<400> 2598

```
gttgttttta aactttatta ttatttgttt aaaagcaagg catgcttatg gatgactctg 60
taacaaacta attggaattg ttgaagctgt tccctgggtc caccctggag agtaatctgg 120
gacatcttgg tgtgttggtg ttgttggtgt ttttcctcct ctttttttga ggggagtgtg 180
cagtttggtt ttcagtcttg tttttttaat tcattaacca gtagatagcc cttaagggga 240
ggaggaagga tccacttcct agatctagtt tagaaaacat gttccccaac tgggtgctctc 300
aggaaggagt atagtaaagt cctcatttaa taacatactc ctttttgaaa gttgcctttt 360
ctttccaccc ttggagtaga tccagtattt ggatgaaact ccatgaaagt ggggtgaagc 420
ctgtccttgc cctcctgtt ttctagggcc acactgggtat ggtgactgtg ga 472
```

<210> 2599

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63391

<220>

<221> unsure

<222> (1) .. (268)

<223> n = a or c or g or t

<400> 2599

```
attggaatat tttatttaca ttttatattt aaagagaatc aatacaaat gggacatat 60
tacagcatct caaatcagtg tacaagaatg caatgggttc atccattcag caaacaaaaa 120
tacatgtctg tttatttttt gcctaaatc tgctataatt tgaacaaaat tctaaaacaa 180
aagccacaca gagtacaaat aaagtgcatt tttaaatagc tctatttaac tttggnggat 240
gaaacttcaa actntatatt aaggggcc                                     268
```

<210> 2600

<211> 204

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63604

<400> 2600

```
taattaataa agagtccacc ttttaattt cgtgtttaac acatctatgg gtttggtaga 60
aagcaaattc atgaccttga aatagtagta ggtgataaca tgtgacttgc cagtaaattc 120
tcatatcttc actgtcactt aggagataat cgaagaatat gaacatattt aattcctaaa 180
```

gttcctgcaa taacctacat acac

204

<210> 2601

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63646

<220>

<221> unsure

<222> (1)..(427)

<223> n = a or c or g or t

<400> 2601

```
tgggattttt aaatcatttt attaatccaa cagtacaaaa gacccccacc accaccgcat 60
tctgccatca ctttgtttcca aaaagtagtg gagtgagaga gcgagagggg gcagatccag 120
caaaaacact cccccagggg ccattttaca aaatgcggaa ggcgcgaaga caacacaaaa 180
acagcaacag ataaatgggg caaacagaac aacaaacaca agagttgagc agcggggtgg 240
gggtgggggg ttgccatcta cgccgtttta gtgtgagggg cactgggaac gatgcccaga 300
ggctggctct cctcccagcc tcaaagggtg tcagctccac cagagcaggg tcttctctcc 360
tcatgccagg aactgagaga agtgggggta ggggaccact aggtcttttg ccacngtatc 420
ttgagct                                         427
```

<210> 2602

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63688

<220>

<221> unsure

<222> (1)..(497)

<223> n = a or c or g or t

<400> 2602

```
cgtagagatg ggtcttgcca cgttgcccag gctgctctcg agctactggg ctcaagtgat 60
ccaccacact tagcctccca aaatgctggg attacaggcg tgacaccnat gcccggcaat 120
aatggatctg agggaagata ctaaatatgg gcagagactg aatacctata ataaagatca 180
tcaagctacc taaatttggc ctactttgca gaatgattaa aaagtggggc actagcagca 240
attgcagtaa taaaaaacca tacaaaactc aaaaaaaaaa aaaggctata agggctaggt 300
gcagtggcta acgcttgtaa tcccagcact ttgggaggct naggcaggag gatcacttga 360
ggccaggagt tttgagacca gcctgggcaa cacaagacct cacttgtttc tactaaaaaa 420
ccaaaaaatt tagccaggta tggtaggggt cacctgtagt gtgagatact caggggcgat 480
tacctgagnc caggaga                                         497
```

<210> 2603

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63698

<400> 2603

```
aaaattgcta aaaacgagga agatctcagt tatccttcaa ctggcaaattg aataaacaaa 60
ctggtacagc catgcaattg aatactgctc agcaataaaa agaattgcac tgccagtaca 120
gcaacatgga taattctcaa atcg cattat gccagttgac agaggtcaga ctcaaaatac 180
```

tatgtacagt gtgattctac ttatatgaca ctgaaaaaag cagtactata aggacagaaa 240
acaggttagt gggtgccaag gagtgggaga agcagccagg gagaactttg aggaggtaaa 300
aatgtgccag gccttggtcg gtggtggtac ataactgtgc atttgtcaag actcagtgtc 360
atacgctgaa aagggcaggt tttactataa gttgtacctc aataaacatg atttttaaat 420
gattaaaact ttgggtttttg tttgttttgg ttcagtttta aggtttacca taaatctatt 480
gggttttaga tt 492

<210> 2604

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N63845

<400> 2604

ccgagcagga atatccactt tattttggact ccatgacacc gttcctatgc ccttgactag 60
atgtgaatgt attatacatt gttctagatt tgggggaaaa aaatctctta tgacataaaa 120
ttggtagggga atgggtttat cagaaagggg atacaaaaca taccctaagc tccaaatcat 180
tcaattcttc ttgggttaaag agctaactga atgaaagaaa ttgatttaac acttaaatta 240
gacaccaacc acctttattg gctgccaccc taaattagtt ttccttaaaa cagtaatatt 300
tcaattttac tgtttttttt tccattaaag caacaccatt gtgctgcaaa actaactcta 360
tgcaattaag tacctggata catgttttct ggcttttaac aagtgataga aaa 413

<210> 2605

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64017

<220>

<221> unsure

<222> (1) .. (463)

<223> n = a or c or g or t

<400> 2605

cgttgtaatt atttattctg ttactggctg cttagtgtga catatttgat gttattttcaa 60
ttgtaatact cttcaaattg gaacactcct tttctgatat tcttagcaaa tccctctttt 120
atttttgccca cttgttataa tatctctaag aagttactcc aggaccgggc agtagggatt 180
actgattcag atgggtccag tgactagaat atgagtagaa agtgtgaggt ctaatttgaa 240
cctgtcagag ttactgttgc ctgcgctggc ccaaagtgca gatttttagt cagcttgtga 300
taggccaggt gttttgtctg gaccaggagt tatctttgac ttgtagctag aataaggatc 360
ctgagaagtc aggtatccac ttgatgtcct tttatttgac ttgttaccat tagtactctc 420
ctgggatcaa ggctgccaac cgaacctata nccagattt ccc 463

<210> 2606

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64036

<220>

<221> unsure

<222> (1) .. (565)

<223> n = a or c or g or t

<400> 2606

```

ctaattgatta tttattttgc tttgtatttc agaacaatct tacttttgat ttttgattta 60
atttcactga aattcagtc gcatctacctg atgctagcat gtgaggcata atctggaaga 120
ctgaatcaca atttactgct aggggagcct gccaaagcttt gccattcttt caggggaggg 180
tttccctgag aagccagttt ttttagatag tcacttggtt ccagttgggg aatatcaggg 240
ttctgcctgt aatattttctg caattttctct agaactgtgg gcaacccaac tgtggaagca 300
tagaacatgg gcccgccctt gtgccttggc catccatata catgtaaata gacaacatca 360
atgtgctctg ggctagcagc tatcccttct cccaagatac ggaatgcttc attgataagt 420
gaatataagc agcgttcaag gatctcatcc tggctaattg gtacgtgggt caatgtgang 480
ggttttctaa cccgtgatag gaattggnaa gccanggatc aggttgcneg tgccgaattc 540
ttggcnegaa ggcaaaattc cctat
565

```

<210> 2607

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64374

<400> 2607

```

cagttcattg caattttattt aattttaaaaa taaaaaacaga aacaaaaacc aaaatgaaac 60
aaaaatcagt ttccaacgaa aatacaaaaca ctttgggtgg ttatccagct tgtttttccc 120
ctgtaggctg ttctgggctc aaaccaatca aatgagtga aaccaatttt gacaggagcc 180
ataaagcatg ttgcaccaat taaattacac caatatatta ttataataacc tttgaaatgc 240
ctttcagacc aataaataaa aaagacaaat tcaaataaaa aagtcaactt tttattacca 300
aaaaaaatag aaattaaata aaagtcacaa tgtggatttt ttttttttt taatgtgcag 360
tcaagtttct ctcttttttt ctcttaggaa tgataccatg ccagtaaata cctacagaac 420
atttcagtt
430

```

<210> 2608

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64436

<400> 2608

```

gtcaaattct atctctgttc tcctagtttt cacagaaata tttacaggaa taaaggttga 60
aacaaaagta cctaattgat atctccatcc atcgaaagat tgctcaggga taagacactc 120
aaacaagggc ttgtgatgag gatggaaaag acaaagcaac ttgaagagaa aaaaaaattc 180
ttttaaaact agttcatcct gcaaaatgga cataacacat gcatataaag gtttgacttt 240
ttaattccac ttttttgctt gatcgaggg aagatggcat gtggctggcc ttcctgaagc 300
cttgctcctc caccactggc taacagacag gctccagggt ggcttgcaa ggccgacagt 360
gaccgcagcc cattccccac atccttaatc agagcctcat gcagttcatc cccacattac 420
cccaacataa cgtcgtagt ctacacgtag atg
453

```

<210> 2609

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N64535

<400> 2609

```

aagtgaata aactttttatt ctttcttgat tagatggagt tacaattgcc aaaataaaaa 60
tccaaggtcc aattctgggt ttaaaactag aaaaggaaaa aatgttatta tcagtaatga 120
ctttgggaag aattctttta cacacagtga ggggtgagttc ttttggaac aactgtattc 180
tatgtttata catattttata tataaaagggt gtccctcattg ggggaggggg gtgctgatgc 240
caccaagttc ctttgaagcc ttttctcccc cactgccaat gcccaggggg aaggagtctt 300

```


caatggcggc tcaatctagc tcttgcggtt agacttggat ctccattcca atttagggct 360
 tttctttctc ttcttcccaa acttttctgt ggtatcccag aatatagggtt gggttcagaac 420
 c 421

<210> 2610
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N64616

<220>
 <221> unsure
 <222> (1) .. (437)
 <223> n = a or c or g or t

<400> 2610
 acattattaa ttatagagtt tatttggaaca caaagcatga gaatagccac ctggaaacct 60
 caactccaaa tgaatggggg cagcggtccc aagtagagac attaacgttt cacacacaca 120
 aggaaataca gagaagcttt cccagaacca ccacattttc cattcaagtc cagtgcatag 180
 gctgcggcan ttcgactggt gatggagtga tacacttcaa ggaagggttac attatcactc 240
 cataagaagg gacaatgatg ccaggagggtc ttatctctgg ggctgcttag ttttctaat 300
 tatttacacc gaaaactttt taaaattgat attaggaaac taaattgtat agcacatttt 360
 gttttgggtt tgggtttgtt ttgggggaagg cgtcctgctc cggctcgcca ggctggaaat 420
 gcagtgaatg tgatccc 437

<210> 2611
 <211> 435
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N65959

<400> 2611
 ttgcagttta cttgatttta tttaaaagca aaatacattt taaaactctg tcattaatta 60
 ttactcagac tcggaaggcc tttctaattg tgtcctcaag tggctccaa ttcaattagg 120
 tcaaattgag cccctgatta atgacaggct ttatattagt ttctaactct tataccagga 180
 aaacctgatc aactacttca cataccagc agtctttaa gaaacaagag aaaaatctcc 240
 aaactcactg gttggcaacc tgtcccacca gggacgttcc atctttagg tccctacgtt 300
 tgtcaagcca agtgtgtaag gactgcatcc atggtaggct cctctgaaag aaatggatgt 360
 ctatgttgtt tgagtgcgcc ctggccatca gcatggccag cttcattggg cttctgagca 420
 ctgttcacca agaaa 435

<210> 2612
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N66066

<400> 2612
 ttccagttaa tttagtcctt tttttttttc attctccata gaatattggg tttgtaacaa 60
 cgaatacaat ccaatatata acattaaaac aatccgatac ataccattct gctttatgaa 120
 agatcagcaa aaatacataa acaaggatat aactagtaca tttataaaa acatcataac 180
 aatgaaacca aaggatccca cacaataatc ttcacatttg acatgctggg tacagctgag 240
 gagagccagt gtctttggca agtgattcat atacataagc gatgacactg actaatccta 300
 acacttctga aatgttcatt ctttaccagt taaacctaaa ataaatcagc aagagtactg 360
 aaatataaca agaatgaaat ccaaaatttg tcgaaagggg caatgtttta tactagg 417

<210> 2613
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66130

<400> 2613
gggaattcac attttaatgt ttcagtagcc tgaacaactc aaattgatgt gtacccccac 60
ctccccctgat caggctcgct cctcaccca tgtaaataaaa aaaacacagt atgtgacaca 120
ggagtcctct gatgtttctt gaggagatct gtacacttga gtagcaaata catatctggt 180
tgtcttcaat atatttttaa aagaaagaaa gagaaagaag aaaggaaaga agggaaaaag 240
gaaggaaaag aagtaaatatt gtgacctttc ttgtctttta aaaaaatccc tgtctccttc 300
ttttcaggat gatgaagccc cactagacat tacaacaac tgcaacaat gaggttggca 360
agcataaata aatggtctag ttattcaaat ctt 393

<210> 2614
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66139

<220>
<221> unsure
<222> (1)..(301)
<223> n = a or c or g or t

<400> 2614
caccaatgaa catttattga gtgtccacat gtgcacagct ttgaacttgg cgatcacaga 60
acgcactggg ggagggaagc aagggatcaa gagggtgtgt gtntgtgtgt gtgtgtgggc 120
ccctggggtt tataagaaag gtagtccctg ctggagccgc cagtcgcgtc tctgcagaga 180
ggagtcatag caggggtggg agttaaagcc aggcaccacg gtggcagtgg agtgtaatca 240
ctggggaaac atgcggattc tggggaagtg tcctcctgt tcctggctcc agcaggccca 300
g 301

<210> 2615
<211> 164
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66422

<400> 2615
ttttaatcat cagccatcat gtttaatgtt ccattcttata catgacactt tgtgcaggca 60
aacagcaggc ttagaatgag ttcacacagc tctgttaaaa gatccgttta atcactccac 120
atagtgtaac aatctttccc ctccagaaat ttcgtaaccc taag 164

<210> 2616
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66613

<400> 2616

tttaaagtat ccaggcaatt ttactcatag ttctgttttag ttccagatag caacagctga 60
 ttgttcaaag tgcagggttt ttggatatc aagtaccaca ggatcggaga aaaggagtac 120
 ttgaaacctga gagttgcgtt ttcaattgag aagacacact ttggaaacac ctatccaaca 180
 gactacaaat ataggctatt aaattaaaaa tctgggtttca aaataatacc cacttaggtt 240
 ggaaatatct ttctccaaac tcagatccaa cttttgaatt gtttggtatc aaaggcaaag 300
 ttaagaggga cttgggttta aaaactaaaa ttaccaagtg agtgcttaaa aaaaaaacca 360
 ctccaaacat ctttttttat ccaataag 388

<210> 2617

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N66624

<220>

<221> unsure

<222> (1)..(422)

<223> n = a or c or g or t

<400> 2617

atacagtggc tcaaataattt tattataaag aaaaatggaa actaaatctt cagttttctc 60
 caaaagtaca caggaggcat atattccttt acttctctca ttaaagcacc atccgttcaa 120
 ttcatTTTTgc aataccaacc ccaaatttca gaacttttaa aaggtaaatt ttagcaaaag 180
 ttattaatga aaataactga ggcaacatca aaatttaata gctccccaaa ttgactaatt 240
 tatgttttag taggaataaa tcatagtaca taataataga agatttaata agttaaaaaat 300
 atgaaggng gaaaaacca accnaaaaaa aaaacccaac cccttaaatec tggccatggg 360
 ccncaaacna attttaggaa aggggggaaaa aacctgtgtg cagggtagn catttccttt 420
 tt 422

<210> 2618

<211> 160

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N66763

<400> 2618

ttttttttaa ttttctcccc aaaatagcca cattctttta ttgatgatt caatacattt 60
 ttgattcaaa tagtcaccac ataacctagg cacgatatta agcattttac aagcaaaata 120
 ttttactgat tttcttttaa attgccagag tacagaagta 160

<210> 2619

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N66857

<220>

<221> unsure

<222> (1)..(426)

<223> n = a or c or g or t

<400> 2619

cggtagagac agggctcttgc tatgttgccc aggetagtct caaactcctg ggctcaagca 60
 gttcttgcct cagcctccca aattgctggg attacaggca tgagccacca tgactggcct 120
 aaaacaaaat aaattcttaa tggcatttcg tgggaatgtgt ttaagagcca aaactgtgaa 180

aatgtaagct ttatctttct tttttcctag attattttaa gaggattgta gccacacttc 240
 agatgaatgt ttacaagcca aataatgatt taagagtgtg ctcaataaaa aggccatagg 300
 ttttaagaatt aaatggaata atataaatta ctaggtcaac aagaatattt catgtatagt 360
 acactgtcta aggaatgcag agaaatttta caagaaaccc ccagactaaa tacttcntta 420
 agaaca 426

<210> 2620

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N66951

<400> 2620

gagtttttatt taatgtcggg agcagattgg gtaataaaat gtattttgag aataagactg 60
 ccttttgacc ttttagggct tagggctgta aagtgtctca gggttgctgc caaacaagtc 120
 atgaactggg ctggattttt atatttgatg aaaaagagcc taaatgctat ctgatttcgg 180
 ataaagaaaa aggagcatta accttgacta tgccttttagc tccagccacc tttttaagag 240
 taaattgctg ggcaggaggg ggagggctag tcacggaacg aaactgtaag ccggaccagg 300
 tgtgaggagg ggaggcgata aaaagattat aggggtggagg agcagaggct gaggaagaat 360
 tgggacctag ctcggcctgg cgagaagcag cctgggagga agggagagggt cagatgggtc 420
 t 421

<210> 2621

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67009

<400> 2621

atcaatcata tttctgtcat ctccaaccta agatattttt tagattgtct ccctattctt 60
 tgattcaaaa gccattaca gaaactatga acttgacctt attctgggtt ttgacaatta 120
 tgagacagaa ataaagaaat cgcaagcagt tcttttcttt gcacctgac ctttttttaa 180
 ttacatcatc ctctatgatg atggtgcttt cacaactgca gctctcctgt atgtcaaaat 240
 cattctgggt tccaggtaaa tggacaaagg agatttgctt tcagtgtcta gaaggcaatt 300
 tacttttcag ctgccttaat tacctatagt ttaaagaaag gaatgccaca tatagggtcc 360
 tttaaacatc taaaatgggg aggttggcct ccaaggggca ccattcccaa acatttgatt 420
 tcaagtccca gaagcctttc atatatg 447

<210> 2622

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67096

<400> 2622

tttttttttt tttttttttt ttcatcaatt tgaagcgctt gtgtttaatc ttgctacca 60
 atcctggact atatcgtagg tgcaatgaaa ctggggagac aggagaccg gcttcacttt 120
 cctcatcagt gaataggctg aatctcccag gggcagtcgt ttgggggcac ggttggggtc 180
 ttggtcagga tgcagggaag atcggggaga acgctgggtc caaactctgc tactggggag 240
 gctgagatct caacccca cccaccgct tccatgggct tctcaagcaa cttgagactg 300
 ctcttggtca tccgggtttt gggtgactac 330

<210> 2623

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67105

<220>

<221> unsure

<222> (1)..(494)

<223> n = a or c or g or t

<400> 2623

```
gaggaaatac aatagttttt tcaatatagt accacaagcc attttttctg taaaggacca 60
aatattagat actatcacaa aacattttat cactcattca aaacaagaat cattcagttg 120
ccccaggaaa aaacacactg aaattatttt agatagcata ataagctaga ggatatagaa 180
catttgaaaa acagttccaa aaaatggaat actaaagatg caacattaat tcttagtaca 240
tttgttatgg taatgaatta aagcattata gaatatattc aagtcagaaa tcctgtagta 300
tgaagacata ccttcatatg tgaaaatatt attttatatt aataataatt attctgggat 360
ttatatcaga tttatcatca gattttcttt cctggaattt attaataatt tggaccatgg 420
gaacacaaaa atattncatt cattttataa tacnttgggt ttaattatta tttagaacat 480
aatccatgg taaa 494
```

<210> 2624

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67205

<400> 2624

```
aattttaatt caaattttta tttaatcaaa agtcaaaatg tgaataacttg attagtggaa 60
ttattgaatt ggtaaaacat acaatcaaaa gtgaattctt agaactatta ttatgtctta 120
atccaatccc actgagctat atcttgattt catattttta tcatgtctat agcttgatc 180
ttaattgata taactcaaaa gtaccatata gacatctcaa actaaagatc accaggtgct 240
tagtttcaga gctgggttgt ctgctatgga aatatattcc cagaatttag atgagattgg 300
gaaagatatt gccagaaga gttcctccaa aatgcccttt atatagagct caggagaatc 360
tggaataata ctgggctaga tactgcccta aggccttgta cacttaaact accacgat 418
```

<210> 2625

<211> 233

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67378

<400> 2625

```
tttcagtgtt acaaaacctt gtattaatca tttcccttca ctttcaatat aacgttgata 60
tgaaatatag ccatgattct tagttacatg ggaggaaatg aataataaat acattgtagc 120
aagtttaaac cacaagggtg tttcactggg taacaacatt tgaaaactgt acacttgcaa 180
agaacagcat cttcaaacat tagtatatct gtatatcagt aaagctttta cat 233
```

<210> 2626

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67815

<220>

<221> unsure
<222> (1)..(334)
<223> n = a or c or g or t

<400> 2626
tttttttttt tggtaaagac ttttaagaga aagaagtatt ttaaaaagta gcagtgtctt 60
gaggtcagg gtgtaggatc gggggcacag ctggtcccgg gagggcccctt gtgcacaggt 120
ggtggcccag ggcnaangtc tcgctcttgg gggacgcgcg gccggggggac ngccatcgtn 180
tccggcccgg ggctcccggc gggtcccggc ggcagggaca atggcgaggc cgctcaccac 240
ttnaggaana ccatcccggc caggacggtn tagcccagca ccaggaagag gaccttnagc 300
anacgggtcac tcttctcctc canctccttg gccca 334

<210> 2627
<211> 478
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N67876

<220>
<221> unsure
<222> (1)..(478)
<223> n = a or c or g or t

<400> 2627
agtcaagtac tttcttaaag aaacaatagc accacattgg catagctggg ccaaacaata 60
aatgggaaag caaaatgtgc tacatctttt attctaagcc ttctcccaag tgcataaaat 120
agtaacagaa accctggagc cacagagcat gagatcggtt tcatctacac aaacattgac 180
gttccaagga gaggaaggat tctcaagggt ggacaggott tttgtttgtt tgtttgtttt 240
ttaataaaat tttcaaggaa gtgatttctt ttcagtattc cattggatcc ttagggtgaa 300
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tctgtgtatg taggggtgggt 360
gttaagagat tttcatatcc ctaagaaaga gtggattcng atggagagct gcattaactt 420
tttcagggga actgcctcat cttaaaaagt ncaaattctg tgccgaattc ctgcagcc 478

<210> 2628
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N67893

<400> 2628
tttttttttt tttttttggc accaaattag aacaatttta ttatttaaca taataccaat 60
gtatatacat tatcctcca aataagaaac aatttgattc caaagtttaa aatgtagttt 120
ccaaaatgaa cccttgtaaa tttgaagaaa aagaaagaaa gccctgcaag ttacacaaat 180
tttgatccat gactaaaata ggcaccctgt accaatcacc tttctcatac aaaaatgtat 240
attataaata aaactttcaa aaaagatcct ggatgtttta ttgcacatca 290

<210> 2629
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N67974

<400> 2629
attttaatta aggtttatth caatagcaaa aatgacttca agattttgcg tgaattatth 60
tttaaacaaa actatatgaa aaatatgtac aatcagtc tcaatgtcat tgacattttt 120

atgaacaagt ttcaaagt aaatatccca tcataacaaa ggtacataaa taaataaatg 180
 ctgacaatac tggccctaaa gtctaacaca actggttagac taatcaggat accgctttct 240
 actacgtgag gagcacataa tcaatgtttc cagcaaaagg caagtactgg tttgtgtagg 300
 tttatttagg ccagttgaca gccacattat tttgaggtgt ggctacttgt ttctcttcat 360
 agtggtgaat gggcacagtg caaggcattg ggc 393

<210> 2630
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68018

<400> 2630
 acagtttcaa tcttatatattt atttctcttgt ggaatgctag gtttaatggt acagtatggt 60
 tgtcaaagct aatgaaatgt gacaaatgtc taaatgctgc agaacagtat aattttaatt 120
 aaacaaaaca cctgttattg tacagctgag gtctcgatgg ttgttaaact gatgcctatg 180
 tgtatggcca gccacaaacc ttggggatgt ttattacctg tacatatata taaaaatata 240
 tcccatatcat atgtatgcac acaggcatgt attaatttat gcgtgaaact tataaaatta 300
 tatatacaaaa cacatacatg cacatctatc tacatatacc taccctcacc attgagt 357

<210> 2631
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68038

<220>
 <221> unsure
 <222> (1) .. (448)
 <223> n = a or c or g or t

<400> 2631
 tagtgtttcg tnggaaacaa ttatgggaag attcttaatg ttttattagt ctaaatatgg 60
 agccaattaa tcacttcatt aatacattga aaactattct gggaatattg agcataatct 120
 tactcttgta cacttggaac ataagaggaa tttttccaat taaaattaat tgactctgat 180
 ttttaaaaaa tctacttgat caggagcaca ttgctttgct ggtgtctgtg agcagctgga 240
 gatggtggtg aacggtctgt ttgcatttct tggagaaga tcttttattc tgctgctcaa 300
 ccctggtctc tgccttccct tagagactgg agggcccatc cttcagtttc cctggattct 360
 gggagaatgg gcccgagcc tccccactca ggggcttggg ctggtgctcc ctctagtcca 420
 tcccagggtc nggaaggagc atccctgggc ggtaaaa 457

<210> 2632
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N68133

<400> 2632
 taatgagaaa ataactgtat acttgcatg aatgcctcac aatcactcta aaaccaaagc 60
 aggataataa catttaagt gttacatac acaggaaaac cagatacaga gtataatttc 120
 caaacacagt attgctgctt ttttccctc ctcccccaa aaaagaaaaa caaagaaaaa 180
 ataatttggg taaagagcaa cacaaaatca aaattggcag ctactgaat gcttaaaatt 240
 caggaaattt gttctttaac taaaatggaa tatat 275

<210> 2633

<211> 271
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N68241

<400> 2633

```
tttttttttt tttttggagg ttgtaataaa aagctattta atgtttgata gacaaattga 60
agtccataaa tctccttgaa taaagatgct aaaaatgtta ttcttgtttt ttaaatagtt 120
tcgtttttac aaagttctgt acataaaaaat aaatatacag aaacaaaccc catcaactgt 180
ccacatcagt aatcctcact ggtgggctca ccattgataa ggaagacatc attcaacgca 240
acctgtcaca gagactgtcc tagcagcaag g                                     271
```

<210> 2634

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N68385

<220>

<221> unsure

<222> (1)..(477)

<223> n = a or c or g or t

<400> 2634

```
gaggaattaa cagtctttat tgggctcaga ccaggagtcg gtgggtcttg aggacctctg 60
tgtatttgct aattttcttc tccacgttct tctcggcctg tttccgtagc ctcatgagct 120
gtttcttctt ccggtagtgg atcttggtct tctctttcct cttctcctcc aagggtggctg 180
tcaactggcc tggtaacttc caccacacct tcggtgaagc caggcgcccc aagataaggg 240
aaaacttttc tttggtaggg cttcaaaacg caccgaccct tgaaggggca agcaggnaac 300
caacaatccg gcttttttcc ttgggtccgta agggccgggt tgggaatgccg gtnaaaaaaa 360
cctttgaaga acnggtccca naagcggggc ttgggcctcc gcttnggggt ttttggtggg 420
ggcancaata acctcggaag gggtcngcca aaaaaaaatn cgggcttggg gggccct      477
```

<210> 2635

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N68596

<220>

<221> unsure

<222> (1)..(439)

<223> n = a or c or g or t

<400> 2635

```
aggatcggat cacacattta atttcgacag taagatgtga tgtgttttgc tgggtcatta 60
tataaattgt gtttggtact aagggtcatg ttcaaaagaa cttggaagcc cttttccata 120
gcgctttatc tgtccctggc tgggtgctng agtcctttat gacagttcat gtctcactct 180
ctttgctagc ctaccaactt cttcaagtgg cattaacatc tgaattactt ttctgtgtct 240
gcagtgattt ccataatact tttcacaggg tgggtgctta gtgaacctgt tcaagattta 300
ctttgtactt attttgctcc taagaaaatt tctaaaacat actttaaaat tatcaagtgc 360
tatttgtaat tctattttgt tcaggtaata gcaataatat gtgtaggatg gcattcatga 420
aagcactgct ttttaaccc                                     439
```

<210> 2636

<211> 402
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N68730

<220>

<221> unsure

<222> (1) .. (402)

<223> n = a or c or g or t

<400> 2636

```
cataaagaaa agaggtttat ttggctcatg attctggctg ctggaaagtc caagactggg 60
cagttgcatc tggtagagga ctcacattgc tttgacctca tggtaggacag ggggacgggg 120
agccagcatt aatatagaag agcagggatc ccctgcctga ggaggaccaa tgcaggaaag 180
gccaaagagc agttaaaaaat cagcatcccc agagaatgca agatgttggt accaagggtg 240
ctaaatatca aacgcaagtc aggcggtaat gacttctcgg agggagctgg cttcggctca 300
ggcattccgg gtggggggga ganggaaact naagacaaaa ctgtgcttct cgtaaaggtc 360
taattcagga tcttctcctt tgcccccaac tcccagaccg gg 402
```

<210> 2637

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N68871

<220>

<221> unsure

<222> (1) .. (417)

<223> n = a or c or g or t

<400> 2637

```
aaatggctaa tcacttttaa tgcaatttca acataagaag acctaattgt aagcaatatt 60
ttaacccctc tccccaaaat aaaaagaccc agaacactgt aactctaatt atccttctcc 120
caacttagag aggattattc gtccagtatt ttcgttttgt tagtagactg ttcttttttt 180
cttttctttt tttagagatg gggcttcatt ttgtcaacca ggctggaatg tagtgggtgt 240
atcatggccc gtctcagcct tgaactccta agctcaagca atctcccacc tcaatttcgt 300
gggtagctgg gcctcacagg nattatacca tcgcatctgg ctaaattttt tttttgtaca 360
gatgggggtc tggtagatct cccaggccga tttcaaactc caggcctcaa gtgatcc 417
```

<210> 2638

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N68921

<400> 2638

```
gaacaagtac aaatttagca attttaatca atattcttgc agacaagtgt ggatatgtat 60
atgcatatat acatatatat atcaaaattg agaatttaca aataagattt gatacattta 120
ttctagcagt gggtaagtcc atagagtaaa tttcaagtag gatataattt ttttcttttg 180
tgggtgtttt aataattcct ttctactgca tacaaggga cctgaagctt aaattcagtt 240
agttttggag aaatccaaaa tgagaaaaac agaaagcatg tagcattcca tgaagcaaga 300
acagcgtgca tatgctattc ctggaaatac tgaagtgtcc gaatttcagc cctaaaaagt 360
ctgggaaatc aactgaatc agttgctggg ttctgatgtc tctgggat 408
```

<210> 2639

<211> 440
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68974

<220>
<221> unsure
<222> (1)..(440)
<223> n = a or c or g or t

<400> 2639
aaatttaaatt ttttattcat ttttttgcac caaaatagtg cttaaaattg gaattttatac 60
tcacaagaca tagctaacat ccaaagtaga caattaaaaa atattatttg aaaattatgt 120
acttagtact gaagacttcc taaatttgca cattagctag attgccatta gcaccattag 180
agagttgatac tttggctaata gattattcag gaaaatttca accattacaa tcagtgcagta 240
taattttata tttcagcaac gatagtgggt catgttcagc aacagcttca cttacaaatt 300
aaagtaagct cacttcagtg ttgcactctg atgctgtttt tttacccctt ctcttgcaaa 360
taaccagtga aataaaaaatt gcctctaact ggcaatcgna acaagggagg aattatggct 420
agncaactag ttgctaataa 440

<210> 2640
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N68993

<220>
<221> unsure
<222> (1)..(451)
<223> n = a or c or g or t

<400> 2640
acacatatat gttcaattta tttttaaaag ttaaacagac tattttttaa gcaatttttag 60
gcttacagaa aaattgatgg ccggacaagg tngctcacac ctgtaatccc agcactttgg 120
gataacaggg gcgacactgg anactgacct tgttgctgtt tatgttaggt caggggaaggc 180
ctcacagaaa aggtgacgtc tgaacagaga gctgaagaaa gtgaggaaga aggcacatgg 240
acattagagg gtgggaagat aggggaagagc acaaccaga tcaagggaga agccaagtgt 300
aaaggccctg aggggagagc nttgctncac ggnaggccag ccatcggggg ccgggggctgg 360
agtntacaa gatgagggca gagaagccag ttgggcccgg gtccctgtngg gtncagatcn 420
tgggtcctgt ngggctctac cantcctcc a 451

<210> 2641
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N69014

<220>
<221> unsure
<222> (1)..(392)
<223> n = a or c or g or t

<400> 2641
cttttttcggg gcaaatacac tttattcagt cctggcatca gactggcgga gtccctgctgt 60
gggtgccagt gccccagaca gagggacccc accctcagc tacgagacta gttctccaag 120

```

accacagaca gtgacatctc ttcactcaca tcgacgtttt ttttttcatt gtcttttttt 180
gttggtgttg tttttcttaa aaaaaaaaaa aaaaaaaata gagcgcaaga aaggcccaga 240
agccggagca ccaagcttaa aggaggcagc tgggtggcttt gtcagcgacg gggaacgcnt 300
ggggcagaga ccttgcaaga agaccctggg caggggggtcc gggagatnct tggggaccgt 360
ttnttttctt ggaagaattt tgtggtngtg tg                                     392

```

```

<210> 2642
<211> 479
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N69084

```

```

<220>
<221> unsure
<222> (1)..(479)
<223> n = a or c or g or t

```

```

<400> 2642
tggatgcagg aaagttttta tttttagggtg tacatcggct cagtgggaatt gcatccagaa 60
aatctaagca tagatcaaag aaaacgaatg tcttttaagc attttgaggc aggaattacg 120
tgaagcagga agcaggctta cagaagcaag aacaaagtcc attaattatc ttgtgacact 180
tttgcaacat gtcttacatc tctgggaaaa cttagtatgc agcttatgct tatctgtctt 240
gtgaccttgc agctgtacaa ggagggaaga aaacacaagc ttacagagcc tacaaaatac 300
ctgaagggca gatatgggtt aatgttttctt gggactggca gttaatatcc ttctttaact 360
ctaacttcag gggggctact taaattcttt ttagccttgg ttggtacagc aattcattct 420
atgagctatt atttcnggtt actataattt taccaattat tacctaatgc naataancc 479

```

```

<210> 2643
<211> 433
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N69114

```

```

<220>
<221> unsure
<222> (1)..(433)
<223> n = a or c or g or t

```

```

<400> 2643
cactcttcct cctgtccacc ctctgtgagt gattttaaaaa cggaaaaggt caaagcccag 60
ccaggcctac atttagagaa attttaaaaa aatttttctt ttcaattttg gccaattatt 120
tccaattttt attttattct taaaacttaa gcatggtaaa atgttaagct gttttcatcc 180
actgatatta ttctactata aaaagccctt cttgagcaga tttgatgata aaaaggagaa 240
cattttctaag gtataattag agaagctgtt gcatgagaaa tcatgtctcc atctccattt 300
tgctatgcgt tatctgagga ttgtttctga aagagatcta tttaggcagt gtatgtatgt 360
gtcagcatgt aaaaaagtaa agaactggaa aatngacaaa ccttggtaaa tggcacttcc 420
aaaaccaatt gtg                                     433

```

```

<210> 2644
<211> 176
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N69136

```

```

<220>

```

<221> unsure
<222> (1)..(176)
<223> n = a or c or g or t

<400> 2644
tttaagaatg gacatcattt tatttcattt taatttagtt ntgtttaatt ctagtttcag 60
ttttgatgat attttgccat gcttcccaat ttttttcttt gataacaaca taattcaggg 120
agaaagtaca aatttgccac aggttgaaca cttaatttgt gttccttaaa aaataa 176

<210> 2645
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N69216

<400> 2645
atatttgtaa ctatgcctgt ttaatgtata aaatatttaa aagactgaat atcacaaatt 60
aatagtagat ttttacaatc taagaatatt ttctaaatat gagctattca ggggaatgtg 120
attagtcaat gatgtctttg atgccctgcc ccaccacaaa ccaatagggt caactctgtg 180
actgggcaca catcaaagat tcaggcctga ctctcagctg tggggtttgt taaaacaatg 240
tggaagttt tcttttatga acaagatata atgttcaaaa aaaagggtgt 290

<210> 2646
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N69252

<220>
<221> unsure
<222> (1)..(371)
<223> n = a or c or g or t

<400> 2646
catcggggat attttttatt gtgcaaaaaa gttgccatca ctgtcattaa acctgtttta 60
caccaaataa taaggaaaat aaaataaaaa attcgggctt ggtgcagaaa ctcaactcaa 120
ataaattacc taccaaaata tttacataat gatggaaata ttccaaaatt ccatattttg 180
ggattttatac acaaaagata aaaaaattag aggccaagag ntgccagaag tgaaaaacgg 240
ggcctggaaa gcgtttcgtg aggaatgagc tgggcctaaa gaggcactgn aggcgggact 300
ggggcctgca gaagcggccg aaacngcgaa gctttggact ggggaggccg cagtaaggcg 360
agactaagct g 371

<210> 2647
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N69263

<400> 2647
ggaaaatcaa aatttttttta ttaatttact ggatttccta tacctaacaa tccttaaaac 60
aactatcaac agctgcaaca caaaccacag gcaaaatgaa aaacagatgc cccagacagc 120
acccaccac atggcacaca cttaataagg aacaaaatcc tacagggtgc tgacataact 180
cgctttaagc atgcaatgat tcttgcatgt ctccctggca atcaacctct ctgcaccctg 240
gggctggata cttcaaagtc tttgttctct taacagggtt gaagtcaaca tggcaagtta 300
aggacaagtt agatgagatc cccctagtgc ataacgtgag ttcctcttgc tctccaatgt 360

tcatccacaa gtacagggtc caatccccta taagagatgg gcttaagcat cccaatgggg 420
 aaacagcctg gccagcc 437

<210> 2648
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69299

<400> 2648
 gaatacaatg atgtatttct ttattttcac atacactcta gctaaaagag caagagtaca 60
 catcaacaaa aatggaaaca aggctttggc tgaaaaaaac atgcatttga caaatcatgt 120
 taatagctag acaagaagaa agtttagcttt gtaaacttct acttcatttg attcagagaa 180
 acagagcatg agttttctta aaagtaacaa gaaaaggaac aaaaaaatg aggtttgaaa 240
 tcttttacca tggcaaaaca ttaacatctt tctcaaaaac atagagaaat ctggaaaaat 300
 caagaagata aaattctgga ccagtttagt gacattcttt caagcatact tgtaaaatgt 360
 ttccttaaag tggt 374

<210> 2649
 <211> 176
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69390

<400> 2649
 tttgagtttg aatatctttg tttaaaaggt tagttatttt ttttaagtat agcgtgagaa 60
 atacaggcca ttattttcaa atatataaaa acatctccag taagttccac acagaatttt 120
 ggaaagctaa gctggactca gagcaggtct gctgctcccc aaggcactac ccttcg 176

<210> 2650
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N69879

<220>
 <221> unsure
 <222> (1)..(402)
 <223> n = a or c or g or t

<400> 2650
 tttttttttt cccaggggagc cagagcccac gagccattta ttgccatgtt ttaaaattcg 60
 tgcaaaatat ctgaagccct ggacagagaa tacaaagtga tattttccca agaaacataa 120
 aactaggaaa agaggtgggg gacattttcc caccagagct cccccacgc caggcccca 180
 gcagggtgag gcctccaacc cggccagctg agcagggang gactaagagc tacaatctgg 240
 accaggggaag gaggggtgga atttgcaaca gcgtctcaac taccaacgag aggaaagcca 300
 gtcaactgta caagtctcct atcaactttt taaaaaaga gaaaagctgt aaaagtcagg 360
 ccctgtggtn agggagcggc caagtcccc gccagggccg ga 402

<210> 2651
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. N69983

<220>

<221> unsure

<222> (1) .. (458)

<223> n = a or c or g or t

<400> 2651

```
tccaacaaa acgcaagggt gttctgctct ttactaaata aacgttcctt tcccagaaac 60
cagcccaaaa ctcactactg ttcaaataatg tggcaagggt aggctctctg tcccccttta 120
ccaggagcac ggatggtgtc tgcaaggcag tgcctctcga gtcgtcaggg agatggcccc 180
tcaggctccc aaacctgcca aatacaggac tgtgagcggc tcgggagggg tctcctttgc 240
tctccatcca gcgggtcagc gggtccttgc gggggagaaa gagccaaaca gccgcctttc 300
ccttctgggtc acagcacgag ccaggttcca ggcagaggct gtggcaaaca ttgtcatcgc 360
cccattggtga aactgggcac ttcctcctcc tcctctgttc cagatgnctc cgnagaactg 420
ctggaccctt gctccttggg ctgaccgggt ccttcttg 458
```

<210> 2652

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70005

<220>

<221> unsure

<222> (1) .. (435)

<223> n = a or c or g or t

<400> 2652

```
ttttcggata aggctgtgct ttattacatg cataattaca aatctgtgct aagtgaaaat 60
gtataaagca atggcgacct gggtttaagc cacacagaga aagggtgga caatccatta 120
acccttctgc caatgtccat tccattgctt ttaacatgat tgtttccatt tcttacaatt 180
tgcatagcac ttacttgtca acttgctttg aattcattgt ctacgtttat cctcacaaca 240
accctgtgag gtaggtaggg caattaacac tatccccatt ttgcagatgg gaacactgag 300
gcacagagcg gttaagatct cgaggctagt tagtagaagc ataggaata gaaatcaggt 360
ctcctaactc cccagtcacac atcttccttt ttagactang ttgttccgca tgactaggga 420
gtagaataaa gcgag 435
```

<210> 2653

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70057

<400> 2653

```
tttgggtgga aggggtgagc atgtgttttt tttattttta tttttaaaaa attttaaaaa 60
ttccctattc aaagggtcaaa aagccacata agttttgatg atgatcaatt tgaacggagg 120
ctcgagatgg actgagagga ctgagacaca gaagtggggg gaccatgggt tttactggct 180
ggaccacagg gggaccctgt ccaccgcct ggggtgacgg aagggtgtctg ggggtgctcag 240
gtgggtttgt tctcagcaat gcacggcata cgtcagctct tggatcctcc ttggtgcctc 300
tcttgtctct gccctgagg tcaggctcct cacttgctgg gcactggcag cctctcttcg 360
atgcagccaa cacaggcagg cggacagaag gaccactgcc agaagcagga gcccgcccag 420
ccccaggccc ccgta 435
```

<210> 2654

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70305

<220>

<221> unsure

<222> (1) .. (469)

<223> n = a or c or g or t

<400> 2654

```
atgattaatt tgttttcttt attgcaaaaa aaaagaaaaa agaaaaaaac atttgttcaa 60
aagctacctc aaaagtcttc ctaccaaaaca tgatttggca atctttttgc atgattagta 120
tgatggcagt aggagctttg ttttaataagc aaacatgatg aaaattccaa aagggtgctat 180
gcaaaagatc agaaggaaga tgtttttcct gagaccctct gccaaactgtt acttctgatg 240
cctttcctgc ttcttgaaca aggcttaaga cagcttctct gttccatttc tgaccactat 300
gtggcaccag aactttgaag taggaaatag aaaaaaatc tgcttaacta gtgatttgct 360
gtgaatcttt aatcaatgcc tcttaaaaaa aattcattta tggcggggcg cagtggggaa 420
aagcagggtta aaaaacatgc agatcactct tgnccactac tgtggtccc 469
```

<210> 2655

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70330

<400> 2655

```
ctgttctcaa ctttggtaaa agagagatct tgtgtctcac tggagggtgc accaagcttc 60
aggcaagaaa ctgtgagctg gctgtcaaca gaatatggtt cttatcaagg ttcttattaa 120
tgctgtgcaa acaaggggtct cgtcatttca gtaactatct gtacatttat aaaagcaata 180
cagtcatggg aaaaaccaac aagcacagct tggtagaata acctgccatg aaatatcatc 240
ggctttataa taatttacta caactgttct ttttattcac actggatagg aaatgcttcc 300
atctaacaca tggaatacga atatacaca cacaaatttg gctttaataa aaaaaaaaca 360
gttcaaaaagg acaataacac gggggctgga aaacaataat tttgtggcag tttcctgatt 420
cataatcaca tgtctcctgc ctttttacag ggaatggaca caagtattga tggattttgt 480
aaaccagttt aaaacatttt 500
```

<210> 2656

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N70358

<220>

<221> unsure

<222> (1) .. (435)

<223> n = a or c or g or t

<400> 2656

```
ccaagaaaat aaatttatta aactttgaag gaaaaaatcc acagacataa agagagttaa 60
atataaactg ccagacacaa ctatgcatac tagtgaataa tggcttatgt ggccaccaa 120
gtaccaaaat gacattctga gactgattga ggtatttagc tatttttggc tatagaaatg 180
ttgtcaggct gttgtgaaat agtaagatag tcttccaaac acacagcttt gaattgaatt 240
aggttctaca ctgatgatac tttatatgaa actaaattat gtagctcttg gagaaaacca 300
tagcagcaaa gtagcagaaa atctatcaaa catctattac aaataacatg ttgaacttta 360
aacactcaat tctagctttt catagtcctt cctgcaagag agagaattta aaattatcag 420
ccattaagct tgcntcctaa aaaa 444
```

<210> 2657
<211> 442
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70481

<400> 2657
gaatcaaagg ctttatcttt aagaaagcag atttagagaa tcagaatttt cttccatttt 60
ggttctatta agaaaagtat accaaattaa aaattaagaa ctatttttta atagataata 120
catgtacatg gtacaaaatt caaaagggtac aaaagggtgta cattgaaaag tcattcccac 180
ccctcttccc agaggcaatt caggctgccg ggctgctaga tatcctccca gagacatcct 240
aggcatatgc aggtggacat atgatataca cgtgtatagc tctgtgtgaa aacatatgca 300
cacacataca tctacacact ttctccattc caaacattag gataccatgg gcttttttcc 360
tcacttaatc atggcatctt ggggcccatt ctatggtagt acacacacac aggatccatt 420
ggttttaaat ttctacaaac ta 442

<210> 2658
<211> 446
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70577

<400> 2658
tccaggagaa tgactcagtt tattattctc aatttgaccc tatgtatccc actgtaggct 60
caaacactgc acagagctgc cagctctaac ctgcgtaaca ctgcgtccct ggaagggtgaa 120
gggggtaaac cacaaagtca gaaactttgg gaaaagccac ggtcgcatgc acacctctca 180
aacaaggaaa caaactacaa gaaagggtc agtcattgta cacagcaagt gtgcagtggg 240
caaagttctg ttcttttgac attggccaaa tgcgtaagtc cctggtttct tgggctcaat 300
cacggtccaa ggtagtaag aaggccaaca atgttgtgag caggattcaa tttctacagg 360
gtcatggggc atcatccacc atgtgaaggg gctccagcag gttggacatg atcaatacc 420
atccagatta ggaccctgac gccctt 446

<210> 2659
<211> 221
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70678

<220>
<221> unsure
<222> (1)..(221)
<223> n = a or c or g or t

<400> 2659
tccacaattg cttaaaatat ttatttaaag gaagaatata atttaacaaa aaagtgttta 60
ttaaaggggg aaatatatag taatatgttt aaggcacatg gcaaactttt ggcattaaat 120
tgcaagaaaa aagaaatata aattatcaca ataaatttca gaatctgttt ctttagtcca 180
aatagttttt ttaaaaaagt ctgaacagca gcagcngttc c 221

<210> 2660
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70861

<220>
<221> unsure
<222> (1)..(318)
<223> n = a or c or g or t

<400> 2660
agcttttttaa aatataattt aaaactatatt tgtaccagta caatatatta atttttacaaa 60
tgtaaaattt ttatcagctg tttaaagcatt tgcaaaaacc acacattcta cttcagcttt 120
attgcacaat atctataaga naatattaat ttttaaatta gaaaacataa aaatgctttc 180
aatatagaag agacaatctg attttaaaga caatactcta taagaatgtc tactcagaaa 240
ataacaaact ttcacaggat accagctggg cagatgcttc ggcagatccg gtacaaagca 300
ctgttttaaaa ccagtcca 318

<210> 2661
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70903

<220>
<221> unsure
<222> (1)..(279)
<223> n = a or c or g or t

<400> 2661
aacatcgcat ggcagatggg tgttggaata attactttct ccacaatcta tcattttaat 60
agttttataat agtgcagttc atggaaacat gccaaagtcca acaaaagcac aacagattag 120
attacagtca gattgagaag actgggtgtg cggtggcaga tagacgtgct ggacatgctc 180
cacacgcgac ctgcagacgg gacatgactg ggaaaganaa gccaacagtc tctgtagca 240
tgcaagcctc ggtggggggc ctgtgtctct gtgcacacc 279

<210> 2662
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N70966

<400> 2662
aggtagaac ttctgaagtt taattctaca gcacttggtga gcatttatatt ctcttttggg 60
tcacaaaact tggaatggga tttgggtatt tgagtaatgg gttaaacata tatattgatt 120
agttcaggaa ttgagtgact ttaagatcgc ttatcagaca ctttttagaga tcccagcaag 180
aggcagattc ggtttctggg ttcataagat ttacagtcac tgaacaagtc tttaaaataa 240
gtagcaaatt ctaagttggg gataggtgag gcttcttggg tagacacct gtctgtgttc 300
ccggccaaga cttgatgatt ctgatagatg tactggaaat gctggagaaa gactcaggca 360
agactggtgt ttttgctgct ctctctagtt taccacactg ggctttcaga attgccttgg 420
ggaccagaat ccagggccac cag 443

<210> 2663
<211> 470
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N71072

<220>
 <221> unsure
 <222> (1)..(470)
 <223> n = a or c or g or t

<400> 2663
 ttttggagag aaggataagc aattttattaa cccacgccc ctagcaccag ctgtcacctt 60
 ggacttggtg gagatgcagg ggctagaaaag gaaatgacag agtgtacagg ccccttcgac 120
 cccgtgtccc ataggtnngt tggcccccag acacaccctc tctgctggca gtgcagaaca 180
 tgcaccccaa taccctagag gagaaacacc accccaggga gagcccttc tgctccaacc 240
 tcctgggcag gtcccagggt ggggcagcag caatctgcag gtgtttgtca ggccctggcca 300
 cacattgcgg acagaggata cgactggggt accctagggt gtggggaggg tcggcctggg 360
 gtcagggggc atgaaggctg tgttccagac tcctcctgcc cccaatctc tgtgcccctg 420
 ctggagctct cctagcttct ctgatctgtg ctctgtctt tgggggaagc 470

<210> 2664
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N71542

<400> 2664
 gaatggacaa taagctttta ttgcattgaa aggtcattgc agtgaaagggt tggggattgc 60
 ttgctgctac agctgaatgg attctattct gaccaataca cacagaaaga gatcacagac 120
 tccctacctt agaagaaggg aggtggtaga tgaaatgaac tgtatgaaga gccactagcc 180
 tggccacac acagaagaag gactggcccg tcttcttgaa gcccatgctc tggtagaggg 240
 ccatagcaga gagctggatg gtgcccgtgt ccaggataac ttactgtag cctggtccc 300
 gggcaactt ggaggacagt ccttgaccag ggcttttgc atcccccgac gacaggggc 359

<210> 2665
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N71781

<400> 2665
 gacatccttt gtatgtttac tataataaca gcaaaatattt tccaaaccag agccaatttc 60
 cttggctcta ggtacacccc ttccaagcaa tgcaaaggac atctccaatc atgacattta 120
 agacaattct ttattttctt gacagtgcact tcttgaagtg cacatataat aaataaatag 180
 aaaatatatc tttgttcatt gtgatgccta caagaaatgt ttacatacaa acactctgta 240
 catctaactc ccgaaaaagg accagctatt tcggcaacag aaaaaagaca agcatttcag 300
 aggagcgttg cttttcctta aagacctaac tcacttaagt ctttaccaa cagaaataac 360
 aaggaggagc aattttctaa gcaataagaa aatttgtggc taccaaggaa aatgcctaga 420
 tattggg 427

<210> 2666
 <211> 248
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N71935

<400> 2666
 atattttcat ttttcatcct aatttactga agccattttc tttggtttagc tttagaatta 60
 tctttcttta tactaaccag cttagcatgt aataattctt gcccatgtga ctacaaaaca 120

```

ttagatatct ccacaaataa aaacgagatt caccaacaca aatattcctt ctctttaagt 180
tcacaaaatg caagaagaaa agaaaaatga tgtaggttg tcagtaagga aagcatttct 240
agatgaga                                         248

```

```

<210> 2667
<211> 507
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N72116

```

```

<220>
<221> unsure
<222> (1)..(507)
<223> n = a or c or g or t

```

```

<400> 2667
ggatttttta aaaagtttta ttgaaatgta gtaagttcta aaataaggca gagagggtcat 60
atattttaatg ctgaaaaggg aaagtgatgc tcaaagtcac acaaaggctg caggatttgc 120
tgactcaaca cctttggggc tagaaagaaa tgaggagtga gctggatgca gtggttcacg 180
cctataatct cagcactttg ggaggccaag gccagcagat tacttgagct catgagttca 240
acaccagcct gggcaacatg gtgaaatccc gtctctacaa aaaatacaaa aattagctgg 300
gtgtggtggt gtgtgcctgc agtcccagct atttgggatg ctgaagtggg aggatggctt 360
aagcccaggt ggcagaagtt gcagtngagc tgagatcaca cactgcact ccagcctggg 420
caacagagca agaccctgtc ttaacaacaa aaaacgcngg gtgcagtggc tcacacctgt 480
aatcccagca ctttggaag ctgaggc                                         507

```

```

<210> 2668
<211> 449
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N72200

```

```

<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t

```

```

<400> 2668
gtttaaaacc aagctactgc agcttcaagt attttgcatt acatagaata ttttttataa 60
attagttaat gttatatattt caatattcag acatatacta taatatatat acagtacaat 120
aaatgctctc attctttttt taattttttt ggataaatcc ctgagaatgt atgttgacag 180
tcgctaagtt tccacatgca caagcatcgt gtgccatgct tctggacgaa cagcactgca 240
aagccacatg ggtcagccct ttttactatt agtatttcat tttgttggtt tgtttaaata 300
tgctgaaaat gtaaagatga gttacaaagg agtaaagctg aatccattcg gggactttat 360
cacaggatgg gagngtttg ggttnggttt tnaaagccat tccaattaat ttttttttgg 420
aaggcctntt gaccgtttac cggaacng                                         449

```

```

<210> 2669
<211> 483
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. N72259

```

```

<220>
<221> unsure

```

<222> (1)..(483)
<223> n = a or c or g or t

<400> 2669
gtaaatgtat ccatatataa tcatcgacat gacagatgag gaaacccatg aagtttccca 60
ctagtcagat atacattttc acttcatcag aagcacctga tatctacagc taattttataa 120
ttagatactg tttcaatgaa accaaaatga gccctacaag ttcctataaa caaaagcttc 180
caatgtacta ggacagtcag taattaatgc atcattcaga ggattatggc tgttccctaa 240
gaagtgaag ttcaaacctg tcaacaccag aggtaatcat tttatattaa tttatacgta 300
ataccattta aaatctttat ctggagtata acatatggaa aacagtcttt ccacaagcaa 360
aaatgtggga accattttaa aaattaagga gtcatttttt aaaagtaacg gatcagattc 420
cacaggctac tctnggacag gatctggcng gatagaatcc cttcatttgg tggcttttgg 480
cag 483

<210> 2670
<211> 292
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N72695

<220>
<221> unsure
<222> (1)..(292)
<223> n = a or c or g or t

<400> 2670
tgtgcttttg acacttttato cgttttttatt taaaaacatg ctaaaaacat ggtgttccat 60
aaagccagga ccaggatgaa ggaacgcaca gatacggcaa tgcaagcaga aagtgcattct 120
gaaaccaaca agcgtgctca ccctgctctc cctcccgtgc tgccccgggg angcaagggtg 180
ggcaaggagg gggcaggaag ccccatggc ctcacctct gagtcccca tcagggcagg 240
gaggccaggc cccaccctgg actattgact cactgcagtg gggaggagga aa 292

<210> 2671
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73278

<220>
<221> unsure
<222> (1)..(413)
<223> n = a or c or g or t

<400> 2671
tgaagactta ccttctgtta atacttagat tacttaaaag caacaggctt gttatttggat 60
cataataaaa tgttttaaca aagctactgg tgcaaagggt gagaagggtg cttaaattcca 120
cattctaaaa cacattataa ctngaaataa ctgaaatata cactatataa aaaacattat 180
aactgaaata tacagaaatc actcgaatat attatcctac tgactcattc cttctgttta 240
ttactgtatt gccacattgg agttccatat ttccagctat tctttctacg gtacaaatgg 300
ttccacacta ccaaagagaa aagaaaagct cactgagctt taaccctgag agaactcaga 360
gaaaaatacc cctggtggcn ggtatcnac agggttatac ccgggaaaag gaa 413

<210> 2672
<211> 486
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73461

<220>
<221> unsure
<222> (1)..(486)
<223> n = a or c or g or t

<400> 2672
aacgaagaag tgagtatttt attattttgc tgtacagctg ttgcttcact atataaaaaac 60
agcaccagca aatgcagtggt attgcaaaat taagatagtg ttgttcttca tctgacactg 120
tacaagcaac aaaaacttct tcaactccag ttattttccaa tcggaaagat cattaagtat 180
ttcatcccaa atccaggtat ggacatacac aagttacaat attatataag gcttaagaat 240
aacaacatta tctttgaatt atgtaatttt tgtaactaat ttttaccatg gataatttca 300
tggataattt catgaatact agagcctagt ctaaaaaatca taggatgttg tgaaaaagac 360
acatattatg tttatctaca atcattagaa agttaaaagg catcttcttt cattagcagt 420
gttaacagta gttttttttt cccatgggga atgcnaaaag ttgcnattcc aagtcctcna 480
tccacg 486

<210> 2673
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73468

<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t

<400> 2673
tctccattca attcatattt aatagaccac catctcttct gccttcatca ggaaaaaaac 60
aaaaacataa acaaaatagt atctgcctat gattaatagt atttaattac acgcactttt 120
gtttgagttt acttccttgc tttctgaaaa aaacataggt atttagacac tagttcatga 180
tgataaaaatt aaaatttagt tttacaaaca aaaattgaaa ctgtcatttg taggaaaaaa 240
attcaaattt aaaattgtta tttttcacta ttcttagata gcaagagaag taagaatttc 300
tttactngng atttatatca caacagaatt ttttccttga caaaggacct tttaaaaatc 360
ccaggaaaagg accacaaaat aatcaaagac tgcacattgt aaataaaaacc cttcagctgt 420
tattgaaaca taagtataat tacacacaag gaaaagggtat tataag 466

<210> 2674
<211> 219
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73543

<400> 2674
cctcattgta tattttatat cttatagaac tttcattaat gaatcatagg aatataccag 60
ctcttcaaaa attaagacat tatacaaagt gaaatactaa aaacagaaat atgtgttttt 120
ctcaataaat atgcttctca ggaaagactt tacagaaaca tctcttctta tccgaaatta 180
catccaaaacc ctttttttgt gtgaagtgtt gttccagt 219

<210> 2675
<211> 450
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N73561

<400> 2675

```
tatcattgac ctttgaggtg cactattaaa ttgctcagtc cattaaaata acggattgct 60
gatttaaaaa ctggttcctt gcttagcttc agcaaaacag caaagtctac cacattaaat 120
gtatattgtt tatttgattt ttattcgact ttgttgctt attttaacta ctttaattgca 180
aatctgtctt ggggttaaca ctgtgtaaga gttttaaagc ataagaagtc tgtacttaga 240
gtttagatgt acgttttata tttgtacatg ttgatgtaac attttaataa taataattca 300
ggtctgctgg gcatgggtggc tcatgcctgt aatcccagca ctttgggagg ctgaggcgagg 360
cggctcacct gaggtcgaga gttcaagacc agcctggacc aacatgggag aaaccctggt 420
ctctactaaa aatggtaaaa ttaagccagg                                     450
```

<210> 2676

<211> 129

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N73705

<400> 2676

```
gagataatta ggaaagaaga tttattgttt acccttgcag tgtttatggg gggaaaaggt 60
atttacagaa ttactgttgc tagcgagaat atacagtaaa gtttaaaaca ttttgagaga 120
ttgaatttg                                     129
```

<210> 2677

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N73762

<220>

<221> unsure

<222> (1)..(381)

<223> n = a or c or g or t

<400> 2677

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tccaattaaa tcttttcttt ttttttatga aaaaagatca cacagaattt gccaaacaaac 60
aaaattccaa aagaaacata aaaaaaaaaa accaataatt cccccaaaaa acaaacccaa 120
agtctggctt ttccttccct caagattgtc tgggtgaggc cttggtttcc cttgaaggct 180
tggggcctgg ttaagtgtt tctggggggc aaggnggan ccctggggct tgggccggct 240
cctgcctctc cctcttctct ccctaacaaa cacttctcta tcctgggggg tgagtacagt 300
acacttggcg ggggtgggcg ggggtttgct ggggactggg naggccggtg aancgggtgg 360
ctagaaactn taatctaaca g                                     381
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<210> 2678

<211> 165

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N73808

<400> 2678

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ctctttgagt aactttattt tggaggagtt ccataagcat taggaacata cataaaatga 60
cacaccactg ttgacaatga aaaaaaaaaa agcatttgat attttccagc tttttaagtt 120
aaaaaatgat tcagttaaaa caaaacaaaa gtttagatat tttag                                     165
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<210> 2679
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73846

<220>
<221> unsure
<222> (1)..(326)
<223> n = a or c or g or t

<400> 2679
aacattcatc atgtgattta ttccttacaa tttacacaca ttattttact taatcttgat 60
gcaaccgtga ttatccttat tttgagaggg ccagagaggt tacataactt atccaaacca 120
aggtcaccgc ctcaataaga cagcagantc agatttgaac gctgactcca aaatccaggt 180
tgggtgaatgc tgcacgggtcc tgccttctctg cgggtgacact aatttactcc atctaagttc 240
ccatcatctc ctggtcagaa atccctgggn aaaactgagg gcanagggaa cctgcaggtt 300
taccagaggg aatcttgggn aggtct 326

<210> 2680
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73865

<220>
<221> unsure
<222> (1)..(229)
<223> n = a or c or g or t

<400> 2680
ttagtgcaat tcctacattg agtactagat aanaatactg agggccattt tgcgggtcaa 60
tcaaaagcaa caaagaacag atgtccattt aactaatata tggagagaga gaattttcca 120
ctcactcagt gtactacagt tgtacctgta atattccact tggtgccagg ctctatagaa 180
accatcnaga gactgttccc cctntggcna ataaangggg tttaccgga 229

<210> 2681
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73883

<220>
<221> unsure
<222> (1)..(386)
<223> n = a or c or g or t

<400> 2681
aatgttctaa aaagtacact ttattaaatg tgagaagcnt actggcaact gaaacatggg 60
ccagcagaaa gtcattgcct cccaaatggc tggactcccc acaatttcac tcatgaatat 120
aactatcagg tccaggaatt gcagggtttg cttgcatttt agtctttaag ctaagaactg 180
aatctccagg caaatgtgtc ttggttgggg agagcagtct taaatgaaga gtagctttca 240
aaccactcca tgtctttttt caaatttcct caaaggatag gactcacttt ccagctgtag 300
aaaaatggtc ccnttctcct gcttgtgggt tccaactgtt ggaagaacga tgagtcacgc 360
tgactcgnag actttgacat cctgaa 386

<210> 2682
<211> 149
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N73988

<400> 2682
tttcacacgc acaacttggg aatttaattc tcacttttcc tcccataaat atagagttag 60
ggtgtgatac cagccccagc ccagtctcct tggggctctgc atctctgctt cctggcagcc 120
tcttgagtcg acttggggat ttgacgtca 149

<210> 2683
<211> 147
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N74018

<220>
<221> unsure
<222> (1)..(147)
<223> n = a or c or g or t

<400> 2683
ttgacaattt taaattataa tttttattcc tcagtcacca ctgctaattcc ttcaatttat 60
ttcaaagtaa cttctgggtt ttattacatt tggaagataa agcaacttat cacatgtagg 120
ttacaactta aaattcgtgn attgang 147

<210> 2684
<211> 141
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N74025

<400> 2684
tagcctgata tattttaata attctgttat tagtttactg catcttataa cattttcttt 60
tgaatcaagt cacagccgtg tgtacttttag gctgtggcat cataaacaaa tatgtaaaga 120
cacagagtta aaatagatga a 141

<210> 2685
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N74422

<400> 2685
actcataaaa cttgtgttta ttgaatttca gcctctgtgg cttcttcaat aaaatgttgg 60
ctcccatgcc ttcaactctt ctttgggcat gagaccagtg ggttgaggga tggggagtgt 120
gggggttggg atgacatgca ttgccttgca ggggtgcctcg gaggtagcag ggccagccat 180
gagaacaaaa agctctgttc tttttgtccc ttgggcctgg cattggcagt cctagcacca 240
cacagtggac aagcatgccc accaagcccc attggtacca cgaagtctca tatgctagtc 300
ctttcttttag caccatctct agaagaagca gaagcacctt attcagtaac tcatttgagc 360
atggcaacag atcctatggg agggcctccc a 391

<210> 2686
 <211> 436
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N74558

<220>
 <221> unsure
 <222> (1)..(436)
 <223> n = a or c or g or t

<400> 2686
 tttgctgtaa tacacaaaag ttttattttt gactttcttc ttttctgaag gcaaaataaa 60
 atagaactga acatcagtga attttgtaca acaaaaacag cttttaatat ggaatagtcc 120
 atgaacattt taaaatctcg gaatggcttc cctttttcaa agtcatgctt tcttgcggtc 180
 cacaaggagt tggcacagag gagatgggtg cagcggcggg tgagggtgagt ggaggacagg 240
 gcttctctca gatccgtgtt agctgggtgcc acagactgga tgggaggatg ctctccactt 300
 ttctccatga caaagttaa gggggcacaac aaagtgtgga ggaaagcatt tgcgaagacc 360
 ccataagtt ccgggaactg atgtgtcagg agggccagca tgctgttgaa ggaacataat 420
 ccagcagtaa agagaa 436

<210> 2687
 <211> 496
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N74624

<220>
 <221> unsure
 <222> (1)..(496)
 <223> n = a or c or g or t

<400> 2687
 tgatttcaag agctccattt ttcttaaatt aaagtgtgac tatatagggg cctgagatta 60
 aggtgtgagc ctacagaaag gggttcaaag cacctacttg gtatatgtta gtgaaatcga 120
 tagatcagaa gcacaaaaag agtatttatc attccacatg gtctgaaaca agacacaaaag 180
 ctagaagtcc cccatataaa ggtttggggg taaagcattt ctatgtctgt gccaacaagg 240
 agaacttcca agtatagcca tggccatagg gtgtgactgg taaaagatct gggcatcttg 300
 gattcaaaaga tcttatcatt gctcacagaa agcccttgta catgtctggg ctttggggcca 360
 gggcagggtta gccctaacca tccaacaacc ttctaatca tcaccaggta aactngggaa 420
 atttatcccc tnggggatag accccagagt gcctcntagg gggagagatg ggtaggagg 480
 ccnaataccc cagggg 496

<210> 2688
 <211> 170
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N75072

<400> 2688
 atcaaaatgc atcttgttta tttggctttt gaaactgtta taacacaact tataacattg 60
 gaaatacatt attttattaa tacaaagtag ttttcatagt aaaataccaa attaatataa 120
 aggcagaatg aaacgtacca tatacatgta gacgacaaat gaaaactgtc 170

<210> 2689
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75120

<220>
<221> unsure
<222> (1) .. (539)
<223> n = a or c or g or t

<400> 2689
ggcgtccctt ctgaattcta aacagctaata tctagacact aacatctggn tcttataatt 60
taccgggtctg gtatggacat gaacagttcc agtgcctttc aacttatccc tgaatttttc 120
tcttctcaaa gttctaggca gtaattttta tgccctcaaa ttagataaag ctgattactt 180
agagcttata aattagctac actttatgac actaagaata gagctatgac ttatgcatat 240
catacctgtc aagctaccta gcaccacgaa tagaactaat attaattgat ggactaatac 300
aaggatctaa tatatgtcag tgatagtctt aaaaacaccg atttggtatt ttccttatac 360
ataatccaaa ttcctttcta tcttctggtc aatgtttcta ctgcctgact accttaaata 420
actatatagt gncaatttct tgcttggggc gggtggtggc tcatgctggt agtcccagca 480
tattggggagg antgcttgag ccangagttc gagatcagcc tgggcaacat ggtgaacng 539

<210> 2690
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75203

<220>
<221> unsure
<222> (1) .. (277)
<223> n = a or c or g or t

<400> 2690
ctaaaaagga ctattatcag tttccaaata caataacttct ctcttctggt ttttcctgaa 60
tgagcctgat tttgttgctg gttttcatca tctatgaggg taaaacgagt acccttaaaa 120
tccctgtggc cagtttgaac acccctgttg tattcttttc tctgttcagt gtgtcagcta 180
ttttgtgaag atgcttagat gtatagtttt nataaccaca gttttaaatc tttaatctgt 240
gcataataaa aagatatata tcagttaaaa aaaaaaaaaa aaaaaa 286

<210> 2691
<211> 177
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75541

<400> 2691
tgcaaaatct gttatcagct ttattaggga aaacatcagg tctctttaca cgttgaacag 60
gaactgctgg ttaacaagac acgattaact tgctaggaat ggacaaggac agcgacagga 120
tggtgcttca cagtgcctcc tgctgatggc accttcattc tggtgcaga attctcc 177

<210> 2692
<211> 212
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N75870

<400> 2692
tcagcactga tggaaaatac cagtgttggg ttttttttta gttgccaaca gttgtatggt 60
tgctgattat ttatgacctg aactgattat ttatgacctg aaataatata tttcttcttc 120
taagaagaca ttttgttaca taaggatgac ttttttatac aatggaataa attatggcat 180
ttctattgaa aaaaaaaaaa aaaaaaaaaa aa 212

<210> 2693
<211> 241
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N76012

<400> 2693
taaaaggtaa atcatttttta ttgccacaaa ttgataaatt gttgtgaaaa aaagagaaac 60
tggcacacat gaaataacac aaacataaga agatataaga ccaaaataga tttgaattat 120
gtctcccagg ctggattgca gtggggcgat ctcagctcac tgcaacctct gcctcccagg 180
ttcaagcaat tctcatgcct cagcctccaa gtagctggga ttacaggcat gcaccaccat 240
g 241

<210> 2694
<211> 175
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N76086

<400> 2694
taaaacaggc ttacttttcaa catccattta caaacatttg ttgaaaaata ttttaggagt 60
at ttgttttaa acattattcc gaatttactg ctccataaag cctagtgaat atttaaattc 120
ttgaatatgt tgccagaaaa agaagcagag atccaaaaac aagtatatga ccaga 175

<210> 2695
<211> 481
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N77326

<220>
<221> unsure
<222> (1)..(481)
<223> n = a or c or g or t

<400> 2695
gaggagccaa tccttcttgg cagtctggcc catcagatct acaggatgat gtgtgcaaag 60
ggctactcaa agaaagactt ctcatccgtg ttccagttcc tacgagagga ggagaccttc 120
tgagtgtgcc ctttggcacg gacactgttg ggaaccaaac tctgtcttgg agcctccttt 180
tagctcactc cacaagtaaa tgganttaat caaaggtcac ctatctgctt ttgattgtct 240
aggtcacagt aatccctagg atttttcacc gcttattctt tttgtctttt taacaaacat 300
attatccgaa ttttttttct gcaagccact gatagtctct gctaactagc ttaattgacc 360
tttttacaaa gtttgatccc caagcatcct caactaaatc attgaatact tcaatcagga 420
tattatctgc tttactttac aaataaaaacc aaatcttttg tcaacaggat gaaacccatc 480
g 481

<210> 2696
 <211> 520
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N77606

<400> 2696
 gcgcttaggg gcttggacta ctgggtatag gacttgctct agctctcagg tcctagccca 60
 agctcaatgc aaacacagcc cctccgtgca tctgtttctg tgaggttctg gaatcccttc 120
 ctctgtgtcc gtgagtctga cagaatcgat gatgttcctt tagagctggg aaattccatg 180
 tgtttattca cggagggaac tcaccattac ctcccttgct ttctttgcct gccttgagaga 240
 aatccagagt cttcggaatg gcaaaggcag ctccctggatt tccctggagg gacggcacta 300
 gctgagggaa gtagctccct tcattcatga tgcacagttt acgcagcaga cacacaactg 360
 cgcctactaa tttgtctcgg gccctgcaag gtggctgcct aactttgatt tgtaatttc 420
 aagctctctc caggatagtg ccaaaggtg caatgggaaa cctgttttgc tgggggggct 480
 ctaagatcac tggctccaga actcccgggc tgcaagggtg 520

<210> 2697
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N77947

<220>
 <221> unsure
 <222> (1) .. (329)
 <223> n = a or c or g or t

<400> 2697
 gctgctgcat cggtttttatt cctcatgggt agatgaacac aactgggtat atgggggaaat 60
 cctcaccgcg cctccgctgc tcttctggag gtctgtcttc ttgctttcct cctctgcccc 120
 agcctgggtg tgccccaagc cctgccctgg caaagagaga actgtgcaca gcggggaggc 180
 tctccaagcc agagntcgc acgcagctga ggaatgacgc aggggcctgc aggaagctca 240
 cgcgagagaca ggtctgtggg gccccgcgtc agaaccact tcacatccca aaagnccan 300
 ctgcttttga tctttcaatg ntgggggttc 329

<210> 2698
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N78850

<220>
 <221> unsure
 <222> (1) .. (456)
 <223> n = a or c or g or t

<400> 2698
 aggaataatt ctcttcttta ttactgttta cttgtagggg gaaaaacat tttcatttaa 60
 gaaagtcctt ggtgaagtag taaaaatatg aattttatta aatctcagcc ttgagtacaa 120
 gtcttgctgt tgactgtact tacaagtttt gtcctcccca aagcatatgg cgtcaaggct 180
 gggctaaccc agtctcatga ccttggtgaat ccagtccana aacacagaca gagacacgtg 240
 tgaagacggc tggccagcgc gaccttgcn aatactcggtt ggggattcta attcctttca 300
 ggaccagca gttgtgggta aagcaggcaa gtggggcccc gtagtcaccc tcacaggccc 360

ccacacgnga aacaagttcc ctcagtggca catctcgctc tcccgcacat gtccctcggtg 420
cttgatgtta cactcctggt tggagatgac attcag 456

<210> 2699
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N78902

<400> 2699
aatgtacatc atatttttta tagaagtgat tatatcacaa agaaaaatcc tgccaaacaa 60
ctacaaatca agaactctgtg ggcaaaaagc tcaattcata caatgtaaac acattgaaaa 120
aacaaatgca aaataaaaaa agctgttgat acatcacctt gaaaaattaa cacaactaaa 180
ttaagggcta tagaaaatgt gtccagctta tatatcatac acgtcattta acttgaattt 240
tacaattttt aaactaatag aattcagatt tattacttga aataatggta taccagctg 300
ttcttcataa tggcaagcat attccatata caatacaatt tatttagcat agttttatac 360
tcttaagtaa aatatgttag tggattaataa gcataaagga ataaatatgg cccagc 416

<210> 2700
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N79435

<400> 2700
aatgattctc ttcctttttc acaactgtgc agtcactgtc ctattgtgtt ctattctgaa 60
aaacaaattt ttttgaaggt caagtttttc aatggcacaa aactatttgg aatgaaccca 120
aaagatagcg gaaagttggg tccctctcca agtagtttcc tctcttttta acagcatcta 180
actactctct atcaataatc tcatcacagc cgagttcttc ggtcagacga ttgacaacca 240
tcagtgaaaa aagctcttcg ataaaagcta actgatcaaa cgggggtcttc tcataatgca 300
tctgaaaccc gccatccagg gctgggtctc ttgttctcag aaacatcttg tcggcttctt 360
caagagcggc tgatactctg tagccggcac cactgagctg ctctctcttc ggatagtcgt 420
agt 423

<210> 2701
<211> 446
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N79778

<400> 2701
atgttagaaa attttaatat atgatttttg tagggccaat acatagtaaa gacatagctt 60
tatttcaatt gaaccgaata aaatgatgta tttcagtaaa ttaaggcaaa ggagatagat 120
gctatgacca gtgggtgcaaa atttttcaaa aatttatata ttagatttac ctttacaagg 180
ttatagtcaa gaataattaa tttgtatttt aagcaaactc tactgctttt caaaaaatgt 240
cttaatcttg agtgaggaat agtgaaggta atcttaatat actgtttaac tttaaaaaat 300
aatttttagaa ttatagaaaa gtttcaaaaa gagtatagaa tttatgcaca cctttctgcc 360
agctttcctt aatgttaaca atgtacataa ccataatatg attttccaaa accaggaaat 420
taacattaca gtagtgtttt aatttt 446

<210> 2702
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N80129

<220>
<221> unsure
<222> (1)..(409)
<223> n = a or c or g or t

<400> 2702
agtctagatg aatttattgc cattcacata tttcatagaa aaaaagatgt agcaaacggg 60
tcagggttgt acaaaaaaaaa aaaaaaatcc aggtttatat aggttgctct atttacatct 120
gagagcacag ctgtcctggc atcaggcaca gcagctgcac ttgtctgacg tccctttgca 180
gatgcagccc tgggcacact tggcacagcc cacaggngang caggagcag cagctcttct 240
tgcaggaggt gcatttgcac tctttgcatt tgcaggagcc ggcacaggca caggagccaa 300
caggcgangc aggagcagtt ggggtccatt tgcaggcaag gagaagcagg agttcccgat 360
tcaagaggaa aacacgcagc gggacagatt ctctgtgccga attcttggc 409

<210> 2703
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N80703

<400> 2703
tgtttgcaag ttactagatc atacaaaaat aaccgctaca aattctctgt atctggcata 60
taaaaaactga gcaaaaagta tctcttaaag caaaacatct cagaaaaaaaa tacaacacag 120
gtttaacttc tgcagtactt tgttcatata aaacactagt aaaataggct tcttaaaaaat 180
taaatagtga aataccaacc aaattatata cattgttaca gtacaagtga atgaggcaaa 240
atatccagtt cttagtttcc cagggtgggtg ggggtgggct tcagtg 286

<210> 2704
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N81025

<400> 2704
gttgcttgtg tttttagtgt catttattta agaaatcatt gcctaattca aagtcagaaa 60
gatttacgcc atgttttctt tgaagatact tataatatta gctcttacat ttagatctta 120
ggtcaacttt gagttaattt ttatatgcaa tatgaggtag gagtccaatt tcattatttt 180
gcatgtggat atccatgttt ccaagcatca tttaatgaaa aagactattt tgccccatt 240
gaattgtctt agcactattt tcaaaaagtc aatgtgatca atatttcttg 300
accctcaatt atattggtat ttactcttt ctgatgctgt caattttttt cttttctttt 360
ttgttttttt ttgagtcaag gtctaactct gtcattccagg ctggattgca gtg 413

<210> 2705
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N81036

<400> 2705
cttttttaaac caaagtcaaa tgtaggttgt tttattgtaa atgtcatcaa aatccagaac 60
agcagaaaca tattaatcag tttgaaattt tagaaatcct ttagcacttg aaaaagagta 120
ttacaaatgc atctatatca catagaaagt cagcgaatac aaactagaca agcaggacat 180

agttcttttc tggcattcca ggataataag aatattttatc aattaaaagg tcaatatctg 240
tcttcctgaa ataactccaa acctgagtca acacacattc ttttcggatt gggtctgact 300
ggcgtaagaa gagaaatata gcattttgtt ttttattttg tttatctaata cacaggggaag 360
gataaacaataa gggcaaaaagt gagagaaaaa gttagatgtc cttgaatttt ttttttttagt 420
g 421

<210> 2706
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N87590

<400> 2706
gtttgattca tagaattcct ttttagatttc tttccagcat accaactagc tttagtagtg 60
ctgctacaac cagctcttat aagtaagagt gaaaaagtat tcttttcttc tttaaaaaat 120
aagtttttct tgcttatagt taattctaga aaggcaatac taaaggata tatttttttc 180
aaaatgctat tttttactgc acttgataat taccctgaca gctctgatct ctgtaataga 240
ttcactcttc agctctgggc agaccagagg cagggttcac accaaatttg taaataccat 300
atgtggtctg gtgtcaggac ttttttcttc tgtaaaaaag g 341

<210> 2707
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N89302

<400> 2707
atccagtgtg aaaaggaagt tggaatggga gttggcgggc agtgaacgag tgtggggaag 60
gattggtgct ggggcaacag gaaggggcct tgggcgtttg gctgcactaa ctttggttagc 120
tcagtgtgca tctagagtgg gacttgggag ggagctaagc ttgggctggg ctgcttgggg 180
cttggtcatag ggtggaaaagg gctacctggg gctctgacca cactgtagta tgtgtggagg 240
ggcctcccgt ctcccacaac ttctgctata acaataaact gtagaggatc ttaaagag 298

<210> 2708
<211> 166
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N89670

<400> 2708
ccatgagatg cctgccatga caggcgccac aaacctttcc tttattgcaa acatgtccca 60
gtcccgggag gcttggaag agtggaacc aggggaacc agggatggga ttccactgaa 120
aacaaccgt cctgctgtcc tgctgagggc cccacccac aggatg 166

<210> 2709
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N89738

<220>
<221> unsure
<222> (1) .. (436)

<223> n = a or c or g or t

<400> 2709

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gaagtatact tccaagcaaa atttattaga tgtctattca agaaaaacac aatgaccttt 60
gcttgtaaga attcaaagtc aattacctgg aagccaggta tgaatagttt tttcttttaa 120
aatcagatac agagagtaga aacagtaatt tttcttaa atgacaggca acagatattg 180
aagtcttttc tcataaatgg catcaaagag aattattcat ttatcagcaa agngcatgca 240
gttgacttaa tttcaaacct gaagccttta aaatatgaag ctgggttatga acttgacaga 300
aatcaaggta ggctactcaa cgatgtttct ttaccttctt cctaattggaa attcccttgt 360
catcagtcag tagatatgta catttcattt gggcttctac ggatcttttt aaccttcata 420
ggattttttg cataaa 436
```

<210> 2710

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N89937

<400> 2710

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gcatcagcaa gtttattttac aaatgcaatt gaacagaaag gctcaccagt ttctgaagaa 60
gacttctagt atacaaacca tgggtatttt tcattaatga aaataagcag ctttctattg 120
ggaattactt agcaacattt ctggtaaaga aaatagagct cccttcatca agcaaataaa 180
tggtacatta actgcatttt taaaaatcag aataataggt agaaggaagg atacagaaag 240
cacatttggg gatagatttt aatgaaattt tccatatggg tctgcattaa tttagaatac 300
attacaataa acagagcaaa tgcaattttat gtattttatat taactatttc aaataatgtt 360
taagaaccct tttttaaaaa accataaaat accctcttca aaacaccact aactaggaaa 420
gtccaactag at 432
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<210> 2711

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90238

<220>

<221> unsure

<222> (1)..(397)

<223> n = a or c or g or t

<400> 2711

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aagaaaaaac aaagcacaaa tataagttta ttaatgtag caaaaataaaa agacataagt 60
ggcttggttaa aaactaatgt gtaagttttc ctgtttcctt atctccagag catttggcat 120
tctttatcaa ctggtacata aaagaataga aaaataaaaag attgtcatat tgccctctgt 180
atcttctctt taatatatca gtatggtagt ctaccagaaa gtagtaa atg gcttcaattg 240
nagaaaggga agnnaccggg ctccctttt nganggcgcc aaaagcaagt ttttcttgtt 300
ttcaactcaa cttgtaacaa cccttggaag tcgctcatca gtgaatat tt tgtttgtttg 360
gttccagggtg ctatctataa atataatttt tttcagt 397
```

<210> 2712

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90273

<400> 2712

atggagacta tttcactttt ttaatcaaag atggaatatt catcacagtt ccccaaggga 60
 ttttctaact ggcctgggca aggagttcac ttgtagagt tagttagtga aaacatccag 120
 tggccaagcc tcatcaataa ctgtatccaa aaggagacgc tcgcttgggg tgtacccaga 180
 gaaaacacca agctttcctg gcttcccggc cctccctctc ccattagtc tttgggggtgc 240
 atacataagt gttgtgtgaa gtctcttggg gtttagaaga tcttgactc attgatggag 300
 aagagcctcc ttctgtttcg tctcctggcc tgggtgacgg cagtttcggg acggcgact 360
 caaacacctg ctgtactccc cgattgctaa gggctgagca ctccaggtag cccttggg 418

<210> 2713

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90584

<400> 2713

cgtgttttct ggaatttatt ctcttttatg ctgaatataa aatatgtgat ttcaccaatg 60
 ctttaagaga caaacacata caagttgaaa tctgaaaaca ataattatat ggagcaaagt 120
 gcagcctgac acttaacaaa agctgttaaa tcgaaaagta tctctagaaa aagcaaaacc 180
 cctatagtaa aatcaaacac aacagaaaaga agctttggta cttttcaata acgggagaca 240
 aaaaaaagtt tagtttatta ttaaa 265

<210> 2714

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N90820

<220>

<221> unsure

<222> (1)..(519)

<223> n = a or c or g or t

<400> 2714

gattcttggg gcctttggga tcgactgggt ttaatggcc tagttatttg aggattttgc 60
 tgtgttgttt tccatgtctt ctctgggtcac cttggattat atataaaaat acaggaaata 120
 gataaacatg aatgtgatta ataatgctga aaaagtatta gcctaccaa gacacactca 180
 ggcttttagtg aataacttta cataacctca gtttttaaca catgcatatc ttctccaacc 240
 atgaaatcaa agcacgggtgc agaacttgta ccaagtacaa aagggtccatg tatgattagc 300
 attattttct tttgcttttg tttatggaca atgttcagct gacataagca gaagttggcc 360
 aaaatactgc ctgtactgtt aatttcctgt ataatnactt aaataaaaagc aggttaanct 420
 caatgatagc agttaaaatg tctaccttat gtattctttt aagtattcca ttatggtgct 480
 ctgaccgttc ttttggtaaa agaaaaatgc catgggtgc 519

<210> 2715

<211> 208

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N91023

<400> 2715

atattaaaca gtttatttca gtaacattgt aaggcaacaa ttaatcctca gtaagtcagc 60
 aaaccagtga caagaaattg acaaacactc cttctacagc ttcttgagac agcaggctgg 120
 cttgtggccc cctgggtggg aacatcttaa ggaatcctat catgtttgtt tatatatgct 180
 aaactgtaaa aacaaacact tcctgggg 208

<210> 2716
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N91087

<220>
 <221> unsure
 <222> (1)..(489)
 <223> n = a or c or g or t

<400> 2716
 accgcaagta tgagtatctc atgacccttc atggagtggg aaatgagagc acagtgttct 60
 cgatgggaca tgaaagaaga cagactttta accttatcac catgctggct atccgggtgt 120
 tagctgacca aaatgtcatt cctaattgtg ctaatgtcac ttgctattac cagccagccc 180
 cctatgtagc agatgccaac ttttagcaatt actacattgc acagggttcag ccagtattca 240
 cgtgccagca acagacctac tccacttggc taccctgcaa ttaagaatca tttaaaaatg 300
 tctgtggtgg aagccatttc agacaagaca ggagagaaaa anaangaaaa gagnnnnaaa 360
 agagtgatcc agcccttatt agggatgtgt tttgtgcaat gatgatatgc tcttggtttt 420
 aagtttgcca aagcttatgt atctttttaa tagatgggag catganctcg aaaggatcct 480
 tttcccttc 489

<210> 2717
 <211> 192
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N91273

<220>
 <221> unsure
 <222> (1)..(192)
 <223> n = a or c or g or t

<400> 2717
 acagaaagga tgacttttat ttccatcctg aatgattcac accattattt aaacatctga 60
 aaaatcctga aataatttaa actgaaggca cagaacaaac caaaatattt aactatcaga 120
 actaaaaatc gagaaaatcc aaatagttct atagtaacaa taaattatga acaagtttcc 180
 gtcaacanaa ta 192

<210> 2718
 <211> 150
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N91773

<400> 2718
 tttcacactt catcttttat tttttcttac aaaaggcctt catatcatcg tttgtcttac 60
 aaaaaccaa gtccttgtct ctgagtttga aaaacatctt cccagaataa atgggaaagg 120
 atctcttata aatatatata tatttttaaa 150

<210> 2719
 <211> 135
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. N91882

<400> 2719

tttattttcc tggtatcttt acatttcttg gttttcataa gttaaataa cagtattcac 60
agaaattaag ctggtgggta tgaatcacca ggcagcaaca gacagtatac ataattattt 120
gacgagtgc tccaa 135

<210> 2720

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92659

<400> 2720

tcagattcac aagctttaat cattaactttt tctgtttatac attgaattgt ggatgtcctt 60
taattagtaa aacagccact aaaattgttt ttatgggttg ctatcacaaa agtcgaagga 120
ttgctagaat gctgtttacc tgtttcaaca gctcccatca actaccgcta ctcactttac 180
atagaaataa aaacagctac tattcattga gcctatttct atatgggaat cttagtgtcc 240
tcacacacat taattcactc aattctcccc aaactctatg aggtaaaacta ttatgccccat 300
tttagagatg aaactgaggt ttaaagagat taagtttcca aaaatcagat aactaataag 360
gagttagagt aatctgaatt taagtctcat tgcagagagc taaagttctt 410

<210> 2721

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92734

<220>

<221> unsure

<222> (1)..(332)

<223> n = a or c or g or t

<400> 2721

tatctcccca ttctaccacc tatgccagat gttaaagaca gcagatgttt tgaggagaat 60
ggcattgtgg agatgcagag atgcgttgct aagttgaggt ggatccagta tagagatacc 120
tctatttctt ctttatggct caagagagct aggacttggg ttttggttta caggcatgaa 180
ccactgtgcc cagtctatat ataataagatt ttagaagaaa tttctgccac tcagtgactg 240
ctttaaattc tagagacaga ggctgagaga aacttagtag cctgcctgcg catactgcaa 300
gtacagncta tataacnagt tnaaagagaa tc 332

<210> 2722

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92775

<220>

<221> unsure

<222> (1)..(407)

<223> n = a or c or g or t

<400> 2722

ttttgcaaaa tgcataagct tttactgttt ttatattagg aaatcataca ggaccaagaa 60

ccgctgggggt cctggccagc caggcaggcc aggatgggct ccggggccat ggaggcgaag 120
 nacagtggca ggcaaggat gaggtgggtc cagggtacac ggctgctcct ggcctgtaag 180
 gaggcgatat gtggcagctg gcatcgtctt gatatgcacc tcgcatagn ctcggtgagc 240
 agctcgatga tgcgggctg tggcgtggca ccacactctg cccattgatc tcaatgatgc 300
 ggtggccgac gcggatnccc cacgctcggc gatgccacca cggaggaggc tgcagatctg 360
 ggggagaaaa gaaggggacn ggaaaaaagt tggggcttct caagggg 407

<210> 2723

<211> 186

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92915

<400> 2723

gttttttttt tttttttttt tttttttttt taaataattc aaaaacttta ttgacctata 60
 acctgattag aatatgccag atgggaatca atattgtaca gaaagttgta cagaattttt 120
 tacatagaaa actttacatc tgtaccatat acattttgtc catctgaaaa aattttctac 180
 atccac 186

<210> 2724

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92934

<220>

<221> unsure

<222> (1)..(340)

<223> n = a or c or g or t

<400> 2724

tttttttttt ttttccaagt gtccaggttt actgagagca ttagggggcaa caagggagcc 60
 ctggnatctg gggacaaggc ctggcatttg ctggacagtg gccctgcaag cagccaagga 120
 tgggggtctcc accacctggg ttacttgaaa gtgtggctct cggctccgcc cgcccaaagc 180
 ctttagncnc aaacatggat atggctacgt agcaggggtg gttgcantag ggtttgcctt 240
 cgtgctcagc gtggcccca gaggtcagcg tcttcccaca tttctcgcac ttcaggcagg 300
 gnaatgccca ntccttgccc agagaggtca ccctctcggg 340

<210> 2725

<211> 150

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N92948

<400> 2725

ttttttgaaa gtttacttcc gagtgtgaag actggctcta aagagtccac tatatcaagg 60
 tcccacactt caataacagg ggtcatgttt cctacagcaa tgtaatttcc agtagaatca 120
 tctgggctag gatcaaaatt cagccattcc 150

<210> 2726

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N93000

<400> 2726

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gttttaaaaga tattttatatt ttcaatacca gtaatgactg aaaatttaaag aattaaagca 60
ggaagcaaaa caaaaacaaa caagaaaccc aaaacttgca acctaaactc tccgggaaaa 120
aaaaaattgc tataaatggt aaaagactta aagagaacat tgacaatgca gccctgatgt 180
acctaatacat acttcaaact gctggatggt ttaagctgag aatctcccca gtgcctttct 240
agtgtctctaa aatcatctcc                                     260
```

<210> 2727

<211> 147

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N93105

<400> 2727

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cagtgtccat aaataaagtt ttattggaat acagccacgt tcgttcatgt atgtgttgct 60
tatggctgct tttgcactac aatggcagaa ttgggtggtt gcaacatatt ttatggcccc 120
cagccctaaa atatttactg tttggcc                                     147
```

<210> 2728

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N93155

<400> 2728

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tttttttttt ttttaagaaag actctcttcg tttatttagt tgatccccct tctcaattcc 60
taatagtctg acacttattg ccatgtttta tttaatattt tttatttaat cttttaattt 120
taaaaaaaaa cccattaaca gtacattttg gtctaaaatg gtccctctgc tgaaatgcta 180
ggtgctagcc gtaattctgg ctttaaaacc aaaaccccaa atattttaata aataaaaatt 240
agaattagtt gccattctac tccaaaccag ctagcctagc tgaag                                     285
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<210> 2729

<211> 529

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N93191

<220>

<221> unsure

<222> (1) .. (529)

<223> n = a or c or g or t

<400> 2729

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gaaatctcca ctggttcctg gcccccttca cctccatgca tccccagcat ggggtgtaat 120
cattacccaa gctctcgctg ttccccctca cccctgcag agtccagcag gtctagatac 180
gtgctctttg aaatgtgttc tgggattaaa aatggtgccc tgaggctgtc taacctcac 240
aaaagacaga cacatgcaca cacgggcctt ggggagggtc gtgtattagc agtcagggtg 300
gccctcctgg gagagcttgc tcaagaactc ttctcggaag gaaaccacc ttaaggtagg 360
gttctgatag gcagantccc agagggacag ccagctgcta gaagatgggg ttatccaggg 420
tttgtaaggt ttaaacaacg ggcagggagn caaacgagtc aaatggtttc ctctgctgaa 480
ttttggctcg aggcaaatc ctatagttag ngtattaaat cgtaacatg                                     529
```

<210> 2730
<211> 184
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93246

<400> 2730
ggcatggtcc tatttatttt cagacattct cgcttcacag aaagaaacag ggtgaggggc 60
tcaagagaga ggctgccaa gggagaagca cgggaacgct gaactggccg aggggcttgt 120
cctcatcctc aggggtaggg ggaagcccca tctgccagtc tggtcggaag ggaatagata 180
taga 184

<210> 2731
<211> 206
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93299

<220>
<221> unsure
<222> (1)..(206)
<223> n = a or c or g or t

<400> 2731
tttttttttt tttttttttt tttttttttg acacaaaccc actttattca gcattgagcc 60
agccccacag ctgggaggtc aaactcacag acatcgacc aagggccggg gactcagaag 120
ggctgaaagg cttcatctng gaaatgggca ccgctcacaa gcccggctat ccccaaactc 180
caacaactgt ctgcattctat gtcccc 206

<210> 2732
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93316

<400> 2732
taaacaaagt ccaattttat tcaactctcaa tacccttgca gtccattgta taccttctgc 60
actgaccctt gtttcagtag ctgtttgata ccttctctcg cttcctctgt taactgttct 120
tttgaaaaat ccacatcaaa agtgattatc aaagagccct tgatattgtt gttgtcaaag 180
ttggggagcc cttccccctt cttccatagc ttcgctcctg gcctgggtgat cttatccccg 240
gaaatatgta ccttgtgacc atccaagtga gtaatatcca tctcaaagcc aaccagtgc 300
tcaactaatg agactgtcac atttgtgtac aaatcatctc ctctcctttc aaatattggg 360
tgcttgacaa ctttgattcg gaaccgtaaa tctccaggct ccccatccac gtgagggtca 420
ccttctccaa taaaggggta ctccatgccg tctctcacc caggctctat ttctacttcc 480
ag 482

<210> 2733
<211> 499
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N93403

<220>

<221> unsure
 <222> (1)..(499)
 <223> n = a or c or g or t

<400> 2733
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 attttgattt aatgtaccgt catttcccca agaaaagaaa tttcagaatc tctttggaat 120
 actaatttca tgtttctaga ttttaaccaa ctggtgaagg tttnaattcc atcnaatttc 180
 ccggaatctc aagacagttg ntgatggtaa attttaatnt aaaatattta ggcnccaa 240
 agnattgcnt ttggtatggc catagntgng anggtaanat ttgcnttgc tttggcaata 300
 aaaaacctat acccatcctt tcataaaaact ctaaaccaaa ttaagaactg tggatggtag 360
 gaacaaaaat ttacncttgg gtaaaacagg taccagcaca acggttaggt tatattacat 420
 caaaaaaagt tttaatgggt cccaaatata tatactcaac aactaagcat acactcnggg 480
 gaggaaaaaa aaaatcnaa 499

<210> 2734
 <211> 170
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N93465

<400> 2734
 ttttggtaca aaaggtgtct ttattgaggt ctgggttaaa attaggcact tggccacgag 60
 cagcagctta aatatgagga aagcagtcag ggggttagcca tgcctgggggt ggggtgggggt 120
 catgaggcta caggcacaga ctgtccccag gtggacagaa gtttggagca 170

<210> 2735
 <211> 234
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N93470

<220>
 <221> unsure
 <222> (1)..(234)
 <223> n = a or c or g or t

<400> 2735
 gaatatgaag tgtttttatt ttgctaaatc ttcacaagtt ttgttttgta ggtgaggaag 60
 ctgaggccca gagcatttaa acaatttgc caggttata cagcaagtaa ctggcagaga 120
 ctgggatctg cagtctgacc cctgacacat gttcaaccga tgcagagtt tatttattac 180
 ctctgttgtt cacaggaaga aactaggggt atcttaaaat cttctgacat ctnc 234

<210> 2736
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N93764

<400> 2736
 tttgcatagg cattactagg gacataaatg ggagactggc atagaaagtg gtgaggagcc 60
 gaagccaagg aattgcttta aacacaagat gaaaatactc tggtctgtcc aaagcatcac 120
 ctaatggtgt gaggcatttc acttagctgt ggagaagtcc ttggaattag atctcagaaa 180
 gacagcttta agacagtaaa accttttggc aatgggctaa ttgccttaaa agaagagttc 240
 tacctgaaag accttgcagg tggagaaatt gtccatacaa gattcttggga tatgttagtg 300

gagataactg acatgggtag ctgtgggtca accaggaact gtcaacaacc tgatctctgc 360
 aaaaccagga tggccagtta atggtttatt cagttctctg atggtcacaa atgtaatttt 420
 atttagcctt gtggagggtt ctgcaacaaa tgtaatttta aaggaatt 468

<210> 2737
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N93798

<220>
 <221> unsure
 <222> (1)..(270)
 <223> n = a or c or g or t

<400> 2737
 cacggctcct gttttattgc cttcgggtgt ccggagcacc tgactgcccc ggggtctaata 60
 aatttaagggt gccgagaaca ggtcaggaca aggggtcgca aaanaggggc tgggggcagn 120
 tggttacaaa atatacccc accccacaac aaacaggcta gaggagacca gcctggctgt 180
 gtcggggangg ggcgggcaga gggcgccccga ccagccttca gagagacaga gccacggcca 240
 gcgccccaga gggagtggcg gagacaggac 270

<210> 2738
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N94146

<220>
 <221> unsure
 <222> (1)..(457)
 <223> n = a or c or g or t

<400> 2738
 aatgtgcacc aaatttagcag taaaaatagc agcagatgga tcagagtgggt tgtcaataaaa 60
 ccttttctcc ccaggttact aatatacaat tgccatgaaa aataaaaaaa tatatatata 120
 tatttacact tgactcatca cctctgctta ggaccctgta agcacaagat attgctgaac 180
 tgctgtatatt gctacatatg gaacaattag actagcaata agaagtagtt tatgcatgta 240
 tgctggccta catgtatata cccctttcgc aattactgag gattatcaac aaagtttggt 300
 cttgtcttgt gattataatt ctattaaatt acatttaaatt gtgatataca gaatttttggt 360
 ttataatta gtattattct aagaaataat agtaatatag acccngtaaa aataaccata 420
 acttatggca aaagcaaatt cagaaaatgg caataat 457

<210> 2739
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N94367

<400> 2739
 tttttttttt gtttcaacca caagtattta ttgatggatc gaagatacaa ttttaaatgga 60
 acaataaggc acaaccgtgg attaaaacac tttgctatac agccaaaagg ggggaaaatc 120
 tataacctta ggaactttat gccaatcaag aagcctctaa agtacctctc taatagatca 180
 gtatcagaca ttcttccctt ttacataatt cctatattac atcacttaat cataaaatct 240
 gactgatact tcataaagaa ttcctcattc atttatattt gagccatcca gcctggctac 300

tccccgtgtc tccacccttt tccatcactt tgcagtggta ttttttagca atcttcaata 360
gttttccaaa gcaaggaaac aagcaagcaa gcaatgagtc agaaagtcaa ccaagggcag 420
atgtgtgggc taaatacact c 441

<210> 2740
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N94930

<400> 2740
atttgtgcac cactgaaaat tcttatttat tcactttaat tctgcattta cacaaaaatg 60
ctgtaataaa atatctgtac actacttctg ttacaaatat agatatttaa agtgacttta 120
tatattctaa tgtaggagtt tcacgctcta aaatgggaat gaacacatga taattcctca 180
ccagttgtct caataaacag ctccatctgt tccccctagt cttaaaactat tgtattataa 240
gatgttaata taaggcaatg aaatgaagtt atgttaatcc ccttaatttt tctatcaatt 300
tactaatggc atacaaccaa aataattagt aacacattgt tctctgtcat taagattaat 360
atgaattgaa aaccaattgc acagcacact aacacatttt taatgttgc 409

<210> 2741
<211> 462
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N95495

<220>
<221> unsure
<222> (1)..(462)
<223> n = a or c or g or t

<400> 2741
tttttgccaa acattagagt ttgttttatt gcatgacgtt tgcataagaa aaaaagttat 60
tgaaaactgt aaggcatcat gcaatcattg aataagctaa ttattaactg tacacttaag 120
ataggtggac atataatcta aaatttaaaa actagttcca gaaaagtaca taaaaaattt 180
aacatgatga gcttttaaat atggtttata gtttcatgtt gttaaaaagt gcttcaaatg 240
tactgctgga aagttgctct ttacaaatgg cgctgggggtg atgtcagatt ataaactgta 300
aaaaccaagt acttttatgg aattagaaag ctaacattgt gatccccaac ttcttgaacc 360
agttttcaat ccccatccta attaagttga ttaatatata taactaaaaa cactgggtta 420
taccaccaaa ggcttgatc cagtagnctg tggccaccaaa tc 462

<210> 2742
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N95585

<400> 2742
tcctgagaag tcaactggtgt ttaatggaaa ggtatcctat tagtccttgg ttaagataag 60
gcagtaagag tatcactaat actatgtttt tgcttagaat gaggtgatc cttccactgg 120
cgtcttcacg ggcaattagt tccctctctt ttgctcctag aaacacaggt aggagctgtc 180
tgccccctat tgctgttgca ttttctgagt gtgttgaagg ctcatctagt ctcatcacag 240
cagcttcccc agtgggatgg agcgtgtat attgcattgt agcatctctc caggaagtgc 300
acgggccccca cagaggaaaa cacaggcatc tttctttctg actcctcttc tgttctctta 360
gggacggggc ccataaatga ttccttcaca tgat 394

[illegible]

<400>	2743					
tttttgattt	aaaagatttt	attttcttta	tgcaggtagg	cagttagaaa	tttcaaagtc	60
taacaatgac	attcttgaag	tgggcacagc	ttttaaaactc	aggctatgta	tacagtaacc	120
ttgtggaact	ggttcagcca	gatcttcact	ttcatgaaag	cacagggtct	gtccttttct	180
ttccagaggg	ctcctctcat	attccatcgc	cagtttctgt	tacaaggcag	actgaatcaa	240
gccaagatca	acacacactg	gtacacgtgg	ctcccaacca	attttatatg	tatatatata	300
tttactttcc	aacacccgca	ttcatcctgg	ttcaatcaaa	gcctggtttt	ggccaacaat	360
aaactcgtca	ggagatcgaa	ggttgtagat	gtctgcacgt	ggcttccttg	gaggtccagt	420
ggtgactccc	tcttccaaa					439

<220>
<223> Genbank Accession No. N98758

<400> 2744							
tttttccaat	taaatctttt	cttttttttt	atgaaaaaag	atcacacaga	atttgccaac	60	
aaacaaaatt	cmetaaaagaaa	cataaaaaaa	aaaaccaata	attcccccaa	aaaacaaacc	120	
caaagtctgg	cttttccttc	cctcaagatt	gtctgggtga	ggccttggtt	tcccttgaag	180	
gcttggggcc	tggttaagtg	ctttctgggg	ccaagcagg	gaccctcggg	cttgggcggg	240	
ctcctgcctc	tccctcttct	ctccctaaca	aacacttctc	tatcctgggg	ggtgagtaca	300	
gtacacttgg	tggggtgggc	gggggggtgt	ctgggggact	gggaggccgg	tgaagccgtt	360	
ngctagacag	tataatctaa	caggaaataa	aaaataatat	tctggcacgt	cagaatgttt	420	
ttttttataa	tttcatagct	atttttcaca	gttttaaaaa	gtttatatat	atattttatat	480	
atattttancc	ttatatatat	aattaanaa				500	

<220>
<223> Genbank Accession No. N99505

<210> 2746

<211> 487
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. N99542

<220>

<221> unsure

<222> (1) .. (478)

<223> n = a or c or g or t

<400> 2746

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ggaattcagg agctgcagat aagggccctg caggtactat gtgctcagta aatgccagtg 60
gttcttaagg gtctgagctc ccatggtaga ggcaagtaag ctgaggttca gagacagaaa 120
atgacttgcc caagatcacc cagctgggaa gtgacagtgc caggggttga gccctgggtg 180
agctggttcc acaggccaga gctcattctg ccctctcccc ggaagacctc ccacctgtc 240
cccatgcttc tgcttctccc tcaccccaat tccccgctgc cttctaggat aagtgtgagc 300
cactgganga agcagcacga gaaggagagg aaacaggagg agggggaatc ctaagcagga 360
cacagccttg gatcaggaca gagacttggg ggccatcctt gccctccaac cccgacatgt 420
gtanctcagc tttttccctc acttgcatca ataaagcttc tgtgtttgga acagctaaaa 480
aaaaaaa                                         487
```

<210> 2747

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N99866

<400> 2747

```
tttttttttt gggggaaaac acaccacttt tttttttatg cagcattttc aaatatgcat 60
gtcaatatat attttataaa ctatttataa taaaaaccct tcatcctttg aggttattga 120
cattttctag ttcactgaca catctcccat aatacaatag ttctattcat tttcatgaat 180
gaggtgggaa ctacactaaa aagtaggatt ttaatccctg aggtgccagt taaaatggac 240
gaggttgccc ttgcaacaca agatttttaa aatcagcctt aaataataag catggatcat 300
gctatttgaa tcagaatcac ctccatagca tgaagtcatt taggaaattg catttattgg 360
gttaagtcca cctgctattc ccagcctcat gctataatg                                         399
```

<210> 2748

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N99944

<220>

<221> unsure

<222> (1) .. (459)

<223> n = a or c or g or t

<400> 2748

```
tttttctttt tacttttttt tttgcccgcc cctggcagag ctcttggcgg ggagggaagg 60
ggagagggaa atataaccct gaggtgggga tggttcagct cccaaccccg gaacccttgg 120
tgtgtacggg tcaggcagac acatgtggct gggcggtctg gctggggagg ggnccagccgc 180
cactgaccag cagaggtngg aagttcgggt cgtttcagtg cctgcctgaa agcttgggga 240
caggaggggt gtccacaggt ggtgcccccc gcggccctgg cgcttctcct gtggggcccc 300
catgaccctc tgctcgggct tgggaagaaa tggagcctac caggtgctgg gttnaacccg 360
ctgccgggtg ggaccaaggn tagattangc acccttgctt ctgcctttat tttattattt 420
```

gagnagagtt cnccttaatg ccagctgaat naatgtcga

459

<210> 2749

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R00296

<400> 2749

```
atcggttttta tgggaacctg caggggtgacc cggcaccttg ctaactgggc ttagagtcta 60
agggcttgagg ggctgcatct gatacagggt ggagtttgagg gtgggagagt cctaggaagg 120
gggccccaaag tagaaatgag agaaatcagg aagggatatc gggggcggtcc acgggggtgc 180
tccgactggc cttgcacccg taccacagct ctgcaccccc cgtcacgagc agttcaatgc 240
ccgtgcagaa gttggcttcg gaggccaggg aacactgccg cagccccgac ctgagcgggc 300
tggcccatgc ggcccagtgg ctggccagca ttgccctc 338
```

<210> 2750

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R00843

<220>

<221> unsure

<222> (1)..(309)

<223> n = a or c or g or t

<400> 2750

```
ttttaatcgt tgtgattttt tattagttct cataatcgcc tcttattaat ttgtatgcac 60
ataataagca ctcaccttca cagtctgtcc ggcttcgggg ccatactgca tggaaaagggt 120
gagagaggtc ccatggaaat gtttttccac cactgtcccg actctctggg tcgtctgaaa 180
caaatcggcc acttcatcag gacgcaggtc atgggaagcg ctccactggc cgcagcgggc 240
acacaaggac atgtcngggg taccacaggg tttccctatt tcacaaggag ncgagggana 300
attnttttt 309
```

<210> 2751

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R01023

<220>

<221> unsure

<222> (1)..(336)

<223> n = a or c or g or t

<400> 2751

```
gtngttccaa aataagacat ttcattttat ttctgaaatc agaataagtc ggtgagagta 60
gaaaccacta ggtcgagagc aagaactctc ccccaaagtg gagagaatat ttctccctac 120
cctgggctgc ggatccctgg aaatggggct tcttccctcc acatgttctg ctggcacaag 180
tccccttggg cgggctgggc tgaagtgggc aggggtgggc ccctttcacc caccagaaa 240
catgggttca cttgaacgct aggccttagg atcttcgagg ggggtccccag tncgctttnt 300
gacctggggc cagcaagagc acttccctgac aacct 336
```

<210> 2752

<211> 373
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R01081

<220>
<221> unsure
<222> (1)..(373)
<223> n = a or c or g or t

<400> 2752
catttttatta gaaaaacgac ggctctcaag aagccctgcc ccacagaccc caccctcatc 60
tcgtgggcca ggactaggcc aacagtccct cctaacagca aggaaggctg gagaatcagg 120
tggtttttatt taccctatat tgctgcccac acaaaactag gcttttggtc acaagggaaa 180
ggggagaatg gctgctgggg aggagatgcg gagtgcaggg aggggtgggga ccaagaaccc 240
ggcttggtcc tgggagaggg cagtggcctg ccccttctcc aatccaccga catgtgggg 300
gtctgggttt ctntngccct cagaggccca cccacagact ctttctcatt tctctntttt 360
aggatgagtt atc 373

<210> 2753
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02036

<220>
<221> unsure
<222> (1)..(256)
<223> n = a or c or g or t

<400> 2753
nnttaaatta ttttattcaa gaagtggggg aggacagaca aggggactga gctgagccct 60
gagtccctga acctcccagc tcagccccc cagcaggact ggactcaaag tcagaggggtg 120
gagactccag ccccaccag acacggttgg ggacagacag gacccagggg ataccngact 180
gactgtcctc cagggggatg gcggccgagc acanagggcc cggccttggg accccccngg 240
gtgggctatt tttggg 256

<210> 2754
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02365

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

<400> 2754
tttttttttt tttttttttt accccactaa ccatctatta attatactta agctggnccc 60
ccattactga gagtgcatta ctatataatt aaagccattt agacanggct tggcatagca 120
cttgcatgan acgccacata ctaaaaactc ctccttaggg cagccttctt ttcctatcag 180
attcagagct cctttctcct tttctcgggg aaaaatgaac acagggaggg aaaattctca 240
gtaggggntc tccagcctgg gggggccttg gagctggggc ctactggggg g 291

<210> 2755
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02371

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 2755
tgggtgtctgt ttgatgttta ttgggtgggtg tctgatgagc gtttctcttg tccagactgt 60
gtttctctct ccagaccagc tcccaggggt acaggggggt gggagtaggt ggtagctgtg 120
tcagtgtctgg gccctgggtg ccaactccctg aggccaagac cagcatgggc tttgatggag 180
ccaccccagg ggaagcccca agagagatga agccatcaat aaagcgggcc ttcangggct 240
tggggctttg gcacaacaag gaaataggag caagttaaag acaaccagg tttttggccc 300
aattaggga gacaagnntt tccattaggc agcnttcatt tttctttcac caacccttcg 360
agttttcggg taagtant 378

<210> 2756
<211> 366
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02572

<220>
<221> unsure
<222> (1)..(366)
<223> n = a or c or g or t

<400> 2756
ttttgagagc tgatgacaga caacagcaag ctactttaca gaatctacca actgggtagg 60
aaagtcttct gagtttcttt gcagacaaga aaagttacct gttgattgtt ggccaatcaa 120
taagggaactt tcctctctgc cattaagagc aacgatgctg accacatact ctgtgcctgg 180
agtgaagggtg gtgaggggtga tggaattccg agagtggggc acccgatctt ctcgaggctc 240
cccactgaag tgctcgggat gatggcggat cctgtagcca gtgatgggtg ctcgaggagc 300
aatccagtgc acagtaaaag agttggcagt aatatccaga aaagtcaata cccatttggg 360
gantca 366

<210> 2757
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R02752

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

<400> 2757
aaagtgcctt tatgagtatg tgtgtacaca aacacagccc cagaggtttt ccaagtgtac 60
taaaactcga gattttaagt ctttcctcgc atgacagcca taggtgagga accaggaaac 120
atactaacac taagcaggag tcacgtggcc aggccagaac agaaagcaga gcatggaaga 180

aacctaaatg cagttaagaa gttttaccca aaaggggtcta ttaagccacc tgtcacatgg 240
 ccacccaaac aaagtcccta cttatacttc agcacctgtt cccaatgctt gccaatcccc 300
 catcttgctg ggtgggtggg tatgggtcag tcttgaggca ttatttaaac aggaatttaa 360
 ttagcccaaa ggggaaaatg agggatttag gatttctncc taatgcccc actt 414

<210> 2758
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R05309

<220>
 <221> unsure
 <222> (1)..(428)
 <223> n = a or c or g or t

<400> 2758
 ttttnatntc cttaaatgag gagatttaat gtctttacat tatacatttc aaaggaacaa 60
 aacacccttt atgaattttc tcatggagat agcattttaca tcacagagct attgtgaaaa 120
 taaaataaga ntgtacagca cacctgggan tataaaaaaac atcccantaa cttacttggg 180
 ngccccgcag ccatccatcc ctcacatata antacantga accagatgaa ggatccgtgt 240
 ccgtgtccat gacaggcant ccattcagga ggntccaaag gntaaatagg tcttaattca 300
 cccantttct ggacatttgc ttggggcactg cggggggtca tggagggggc ttgccccttc 360
 atatttntcc tcattttaat nccctnccaa ccanaaccgg ggctcggggg gggtngggtc 420
 cttgcccgg 428

<210> 2759
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R05316

<220>
 <221> unsure
 <222> (1)..(416)
 <223> n = a or c or g or t

<400> 2759
 tgttagaaat gacttttgtt ttgttttatt tttcatgggg ctttgtctgt ttcttgccat 60
 gagtagcaaa ccagtgtaca aaaatgtcac agacgagagc aacaagcgac taggttttcc 120
 tgagcccaaa tcagctcact ctatatacac aaaaggaggg ctgcctccct gtcactgact 180
 ctacccgcca caaagcgggc agggatgggg cagtgggggg gagctccttc ccagcctggg 240
 ggcctttgcc aagggagccc acaagggcnt tgcagggagg accctccatt aatcagcgtc 300
 agtgtcttgt cttaacagca tcacacatgg gtcctttttt tcctcctncc ctacctnccc 360
 ttcagtagga aaccaggtag ggaaaatcct nttcaggagg gggggacaga ggggct 416

<210> 2760
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R05490

<220>
 <221> unsure
 <222> (1)..(452)

<223> n = a or c or g or t

<400> 2760

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ttcaatttta ttctacttca cttacaaatc tgctgctgaa catgaagcaa aaattcatag 60
taagaaaatg cagcctctgt cgggtcttca atcaaagtct gaaaaaattc tgctttggca 120
ggactctcat cttttactat gtgaaggatt ggacttaatg gtctgctgtc tctaagccaa 180
gttatgaagg atctggctct ttctgatgaa agtgtatcta gctctggaag atgtgtcatt 240
ttctgtgggt attgatgcaa aattaggtat atccaagcac atcctctatg gaaggttatt 300
gtcacagcct ttccccaacc ccaaagttaa aaaacagagc cacagtccca tagggaaagc 360
acccttctct tggtcagctt ctctggcagg acaatttttg agggggtggc cttggggacc 420
aatcccgtcc attaacctgg actgcacccc cn 452
```

<210> 2761

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R05518

<220>

<221> unsure

<222> (1) .. (462)

<223> n = a or c or g or t

<400> 2761

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agggaaaagg tttatttggc tcacgattct gatgtctgag catctgctga ggcctcagg 60
tgcttctgct catggtggaa ggcagaagcg agtcggcata ggcagatata acatggtgag 120
agaggaagca agacagtggg gggaggtgcc aggtgccaaag ctcttaaaca atcagctctc 180
acaggaacta ttacagttag gatgtactca ctgcgcaggg aggacattaa tctattcatg 240
agggatccng tcctcatgac ccaaacacct cccattaggg cacaccccca aactggggga 300
tcaaatttca acctgagggg ggcaggggca ggcaccatgg ctcatgcctn gttaatcccc 360
aacactttcg ggaaggcttg aagcggggaa gatggctttn agcccccagc atttcaaggc 420
ttgcagttna gcttggagtt ncaccactg cattccagcc tt 462
```

<210> 2762

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R06002

<220>

<221> unsure

<222> (1) .. (351)

<223> n = a or c or g or t

<400> 2762

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tttttttttt cagaatgaaa acacttacaa atcatttttta ttatgaataa tttaggatat 60
ttgggacatt catttctgag taaaatagtt caaaatagga ttttgttgat accngttgat 120
acatatttag aaacaaaaat gagatattct tttgaaagt ttgcctttgta gtaaatccag 180
tcattcaaatt tgttttctct caagacccaa aaatgccngg ggcattgccg gctttgagtt 240
tattctttgt ttcttcatca aattcttcca tgggnctcta ttagtttccc nggggtccag 300
ctcacctagt gggaaagggg gnaatcgggg tccccaaaat gactttatcc t 351
```

<210> 2763

<211> 391

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. R06251

<220>
<221> unsure
<222> (1)..(391)
<223> n = a or c or g or t

<400> 2763
ttttaanttt ttttcccaa aggaatgctt tattgacaaa ttaccatta ttataataac 60
tttaaggaaa agatacatcg gtcaacaccc gcacaacctg ctttctcacc acaccccaca 120
ggccgntttt aaccttgggn cgaagggcac cgagcgttg gnttccctgg cccttgcac 180
tctgtcgtgt gtgggagtg catcccaag ggtgtntgaa ctgtccgggg acacggctgt 240
cagaggacan ttgctntacc gaacagggac accttgagnt gaggcagccc tttccntcc 300
cggggagtg gcagagcngg ggcacaccac agggcaggg ccttcaggtt ttccttgcca 360
agaggccatt taagggnac agagtttnc c 391

<210> 2764
<211> 209
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06254

<220>
<221> unsure
<222> (1)..(209)
<223> n = a or c or g or t

<400> 2764
tttttttttt ttttcccaa aggaatgctt tattgacaaa ttaccatta ttataataac 60
tttaaggaaa agatacatcg gtcaacaccc gcacaacctg ctttctcacc acaccccaca 120
ggccgntttt aaccttggnc gaagggcacc gagcgttggg nttccctggc ccctgcatnt 180
ntgtcgtgtg tggagtgcga tccccaagg 209

<210> 2765
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06271

<220>
<221> unsure
<222> (1)..(426)
<223> n = a or c or g or t

<400> 2765
tttttttttt taaagtaaca tttaatgaat acacatttat aaaagccatc atcccttaac 60
atgggggaaag tgtacaaaaa taatgtgaaa gtgtaaaaat ttttctagaa tacaggaaac 120
atatcagcag taaagaagtt tagtttaact ttttttttaa atgtaaaata gtttggnnct 180
gttaaanggg nntacagttc gccc aaagca cttattttca tctgttgtaa actcattctt 240
tctaccttan ggtaactggg ngggagtcng ctgtgttaat atggggccaa atttaatttc 300
ntaggttttg ggggagcngg ggagggttgt ggggggaagg gnccaggaag gggaggncc 360
tgggggcctt tcccttgggg ccgctgggtg ggggggcctt nggggcccct tgtgggggtg 420
gggggc 426

<210> 2766
<211> 344

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06273

<220>
<221> unsure
<222> (1)..(344)
<223> n = a or c or g or t

<400> 2766
tgtagagatg gggtcttatt atgttgccca ggttggtctc gaattcatgg gctcaagcga 60
tcctcctgcc tcggcctccc aaaatgctgg gatttgaagc ataagccacc acgcccagcg 120
ataaatctct tttctttaa attatccatt atccaatctg tggttacagc aacagaaaat 180
agactaagac aagaggtaaa ggaaaggagg caggggaagta ggcaggaggg caggaaagan 240
tgaaggaaaag ggaaacgaag agaggcaggg gaaggaaggg gtntggacag gggaggtngg 300
gaaaggggaag ggnaagttna ggaaggagg gccaaggnag gcca 344

<210> 2767
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06400

<220>
<221> unsure
<222> (1)..(353)
<223> n = a or c or g or t

<400> 2767
tcgcatcttc tctagagtcc cgcgggtcac agctttgctg cgaagggcaa cttgtgggca 60
acctgggtcaa ggaaaccttg cacttcttca aattcacaaac gccacccat ctctacaaca 120
aggcgccag cttcacaggt gtcacgtagt ggtcaatagc acctttgcct ccccccattgc 180
gatgcccaac anttttgca gtgatgggt tgaaaggggc tggtagctgc catatggcaa 240
acatgttctt ggggtccata gagcggttga ttgtcaggcg catcatttca aagtggcccc 300
aatgcaggt gccaccacc aatgccaaga ttncaaant gcctttctng taa 353

<210> 2768
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06543

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

<400> 2768
tttgctaggt gaaagtgcta aaaactctca atttcatcaa gattgacaag cacaccaggc 60
atagtggctc acacctgtac tcccagcact ttgggaagcc aaggtggatc gcttgagtct 120
gggagttaa gaccagactg agcaaaaaaa accagaccag cctgagcagc ccgaacaggg 180
atagcctgcc ttacagaaa aatttaaaan ttagccaggg catgggtggc acatgcatgc 240
ctgtagtccc agctacatgc tgagatgggg agggccactt tgagccaggg cggttgaggc 300
ttaccaaaga gggantgatc cacaccactt gcacttntag ncttggggcn aacggantaa 360
agggcccttt tttttcccaa aaaggnaaaa aggaatttcc ngaattttaa ttctttt 417

<210> 2769
<211> 362
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06726

<220>
<221> unsure
<222> (1)..(362)
<223> n = a or c or g or t

<400> 2769
tttttccagc tcaacccttc tttaatgtca tccagggagg ggncanggnt tggaggggag 60
gggttgagga gcgngaggan gttatTTTTt ggtggmntta ccacttttcc catgaagagg 120
ggaaacttgg tattttgttc aatcattaag aagacaaagg gtttnttgaa cttgacctcg 180
gggggggatag acatgggtat ggcctctaaa aacatggccc cagcagcttc agtccctttc 240
tcgtcgatgg tcaagcacia ccttattgca cggcttggan gagcttcagg ggtgctcctc 300
tgtgaccccg gagaggtaa gcccattnc tgaagacctt agtgatgcc agtgaccca 360
gg 362

<210> 2770
<211> 249
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06746

<220>
<221> unsure
<222> (1)..(249)
<223> n = a or c or g or t

<400> 2770
taattaaaga tcttnnaaat tttttttttt tttaaaaagc gacnaanaca tttattgaga 60
gctgtaaaat gtgtttcacc caattgtaat gtaaagaatc gaaaatttta aaaaatttcc 120
aaaaaaatta catgattgta gttggtaaaa atgcacccat ttcaggangg cccctgtgcc 180
tgtgtataaa tgatgtgtct tgaacgctgc tgggaagctc tattgctgag attgagaaga 240
ccttagaaa 249

<210> 2771
<211> 589
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R06764

<220>
<221> unsure
<222> (1)..(589)
<223> n = a or c or g or t

<400> 2771
cgcttaatta aagatctttt tttttttttt tttttaagaa ttcaagggct ttattgggga 60
gtctagtaga gttaggctag ccagagttcg tccagtaagc tccacgcaa ttttatcttt 120
agtgttgtaa gcatccaagt cctggctgta ttcattgttg ttaaattggg tcttgagttt 180
ccagggtgct gtctgctcag ctggagtaag cagggcactg actttgtgtt caagagctgc 240

```

actgatgctt ttcctagaca cgagatgatg acttgtggag cctttgtaat catgagagaa 300
agtaaagtcc agaggttctg ctttcaacag gaatttgcta tacagctgcc cagtatgttc 360
tccccagaga gcgagtttcc cattgccatt tgtatgtgca tcgatgggtc atgggtaaac 420
ggggccattt acagaacgga agacatttgt tgaaatgcag tgagtctgaa tttttagttt 480
gtggntcatg ttcaatggct tgaagccagc ccagcgatgt cttgttnttg agnccatgnt 540
aaaacttcca cancctgnac cttaggcacc agngtcttgn tttataggt 589

```

<210> 2772

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R06860

<220>

<221> unsure

<222> (1)..(402)

<223> n = a or c or g or t

<400> 2772

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nnctttaatt aaagntctt tntccnnttt tgttttggaa antctttctt tacagacagg 60
gtctgggcta tatcgtccag gctggactca aactcctggg ctcaagcaat cctcctgctc 120
aacctccga gtagctggca ctacaggtgc caccacacca ggcttgattg tgacttgact 180
gtcaccagtg gtcacatgag ggcaagtgtg gaattttcca tttgtgggtg cacgtcagta 240
ctcaaaaaaa ttcgaatttt agagcatttt ggatttcaga ttaggggaatg tttaacctaa 300
gtttgtaaag ggaaattttt taggccttag gaatagggga tgtttcagga ttgtttcaag 360
gaggacaaat gaaaggacta aaacaaccng gaaaacattg gg 402

```

<210> 2773

<211> 303

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R06866

<400> 2773

```

gaataagact tggagccgct ttaattaaag actttttttt tttttttttt ttttaaacad 60
tagatctcta attttaatag ttgagaggaa gggtataaaa taaaacagac aacacagagc 120
ttcatgacgg cctcggattg gcagtcaacc caggatatac gaaatgtaaa caaaaacaga 180
gcttccagat aacattactg tgtgctatgt gactttcaga atacagcagc gtcccagaca 240
ctctaaagtc aagtgaaca agagatttta gaatcaatct atacacattt cagagggcag 300
tcc 303

```

<210> 2774

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R06977

<220>

<221> unsure

<222> (1)..(320)

<223> n = a or c or g or t

<400> 2774

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atttcatttt atttctgaaa tcaanataaa gtcggtgaag ngaanaacca ctaggtcagn 60
gagcaaaaaac tctcccccaa aagtggagag aatattttct cctaccctgg gctgcggatc 120

```

cctggaaatg gggcttcttc ctcccacatg ttctgctggc acaagtcccc ttggcgggct 180
 gggctgaagt gggcagggtt gggccccctt caccacacca gaaacatggg ttcactgaac 240
 gtcaggctct aggatctcga ggggggtccg agtcgctttc ttacctgggc cagcaagagc 300
 acttctnacc agcctnacaa 320

<210> 2775
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R06986

<220>
 <221> unsure
 <222> (1)..(319)
 <223> n = a or c or g or t

<400> 2775
 ngtaacttaa gcaaaaaang ggtatttaat tgggtcacat aacttgaaaa gtccaggggt 60
 tattctagct tcaaggcacg gttggatcca ggggcacaaa cgctgtcatc aggattcaag 120
 tctctccata ttttggctct nctttcccn gcaactggctt cattctctac atgggnaggcc 180
 ctgttagttt gaggttttca ncctacaaaag ctaaagcacc ctcaggaaaa gngagcttct 240
 ccntccacaa gntcagatgg ggtttgctga ttgatgaggn ctgaattaca tgttcaccca 300
 caaanctcaa aggtttggg 319

<210> 2776
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R07172

<220>
 <221> unsure
 <222> (1)..(330)
 <223> n = a or c or g or t

<400> 2776
 ttttaaagaa tacggcactt ttaataggcg gcagccccag gnggtgcgtg gacagaccct 60
 gtccacagcg cctggctccc gtgctgcctg tccttccatc tggaatgcca aacagaagct 120
 cctctcaggt ggcactctggg gagtaggtcc cagtcctgaa atatacaaag tggcgccctcc 180
 cactgggcag tggctactgg gctgcacggt cctttcaagt cctaggggtgg cccctcaggt 240
 cactgcttgg ccttcttcac aatgggtgcc cacagcagag atgacggtgg tcttnggagc 300
 cgctgggctt ggggtgggtga ccgtgacaac 330

<210> 2777
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R07637

<220>
 <221> unsure
 <222> (1)..(353)
 <223> n = a or c or g or t

<400> 2777

```

ttttttatta aaacatatac gaaaaacaga aaggaatata tagctgattt ttaaaagctg 60
taacagaaaag gcaggattat gcatttttta ttcaaacata cctataaaan tattattttt 120
acatttgaaa aaatattaaa tttttaaata attacctttt tgtctcgact cccagtgaag 180
aaatacttgc tgtcaggact ccaatcacaa gaccaaataa ttctactgtg cacagaagta 240
atthttgttg tgaaggcaaa aaggctaata actggctctg anaggnatnt gtataactn 300
ttcaccnagc cgaggaaagc tggggntttt ncccggttag gggaggtgnt gtt 353

```

```

<210> 2778
<211> 328
<212> DNA
<213> Homo sapiens

```

<220>

<223> Genbank Accession No. R08548

<400> 2778

```

ttttaaaaca atttccgctt tattccctcc ttgatgcttt ttataaataa ggtttaatag 60
aaagcatcac tattttttat ttactttctac agggggaagt agctcttttc ctggcagggg 120
tggacacgta gttatgggat gagctcgggt gtactcggcc tgtccacacg agcgtctctg 180
gctttgtcga tatgcttgac aaggagggga agagacaaga gtacgaggcg gactcccagt 240
atggccagaa ctactcctag taaggtttta aatccccga gggacgaaaa ccaaccacgg 300
ggggggggcgg ggggaacctg ggggaccc 328

```

```

<210> 2779
<211> 422
<212> DNA
<213> Homo sapiens

```

<220>

<223> Genbank Accession No. R08564

<220>

<221> unsure

<222> (1)..(422)

<223> n = a or c or g or t

<400> 2779

```

ttcanaaatc atttttatat tttatttact atthttgctcc acaatttgag tcaaacatgt 60
gatgagagtt ctaacttgat atgtttactt cagtcccaa catagtcac tttggctctt 120
tctcagattt ggcctaaaac tcgtagtthc attgattttt ttttttaact agggcattct 180
tctatgttct agggcttca agaaacctcc ataccangg aaaaaatngg aanggcaacc 240
atgttctact atgggtgcc aaaaataggt gaacatcgac atcaaaangg attctttctg 300
gtctggctta ttcacatatt ctgggttttg aattaaaagg tgatggaant taccctaaat 360
acgggtgggc cctctggtat cctgggggtt ccncatccac aantttcaac caacgtgggg 420
tg 422

```

```

<210> 2780
<211> 374
<212> DNA
<213> Homo sapiens

```

<220>

<223> Genbank Accession No. R08615

<220>

<221> unsure

<222> (1)..(374)

<223> n = a or c or g or t

<400> 2780

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acaccagcaa gtttattgag taattaaggt gacagccata gaactttgca aatgcgtttc 60

```

cataaaagtt ctgagttact tgactatgaa aagtgaattt tcattttaac caacccccctc 120
 ctccaataact accagaaagc atgagattct gaagaaatct tcacaaatct actcttaatt 180
 atgggtagca atgttcagat ctcaattagg gttctgctgg ggttctggga gttggggagt 240
 gaagtgggct cttgagtggg ctncacagac ttgtggggag gttctcatcc caaacactgg 300
 ggagggcctt gaggtcccc actttgtgac ccgccaggac tttaaaggat ggattccaaa 360
 cataaatgnc catg 374

<210> 2781

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R08850

<220>

<221> unsure

<222> (1) .. (294)

<223> n = a or c or g or t

<400> 2781

ttccnaaanc aggcagttaa tgtgctgaca tagtaacaag gtttgaagga ggaacatctc 60
 atgcacgtgc gtggaaaccc aattgtcatg tgtatgaact acaaaaggat ggggaaaaga 120
 acacatttcc tcacaacagg antacatgag attagaaaga aaaccggant gaggtagatg 180
 catgantgca cagacaaggc tatgtgacag gaagctgggt gacattttgc atctgacata 240
 gcagtacacc tagagagccc aaggaantcc accccaagt taccagaggc aaga 294

<210> 2782

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R09053

<220>

<221> unsure

<222> (1) .. (348)

<223> n = a or c or g or t

<400> 2782

ttnanatgtt tattacagat ttattggggg aggcccaagg agaagaccta tcatcatgtc 60
 acgggagctc acgttccata ccaggaaagg agtggtcctg tcaccagggtg aagggggaag 120
 ggtcctggga cccggcagtg ggaggcctcg gggaggggtn tcatcagagt cttgaatgga 180
 cccagacgct ctcttcccgc caggacagga tgcgtaggag cagagaggaa gcagctttgc 240
 tgggggaacca cctgggggtc gtttacttga accaaaggct cctggggggc agccagaggg 300
 ccaggggagg ttaacacggt gcttcaggct ttcttnttct tggggccc 348

<210> 2783

<211> 211

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R10138

<220>

<221> unsure

<222> (1) .. (211)

<223> n = a or c or g or t

<400> 2783
tcaatatttta ttgaaatact gaaaaaaaaan tccattttnt tgagaagttc ctggcaagaa 60
ctgacatgac aatatgtatt tcattgatac agtaagaaaa catcaacaag taactgactt 120
cgcactctaa acattgcatg gattcaagtc caaggcagct gcagatctgt gatacaanta 180
atcagncatt agngattgtc tgtttacaaa c 211

<210> 2784
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R10287

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 2784
cctcaaatat caagaggccc tgaggtaggg tggctccagg aatgcttaag tgagtgttc 60
tttgacatca ctaagcactt ggcttccatc catcttccaa cctcaccaaa aagggttgtc 120
ctcatgacta caagccggct gacatggtgc caggaatctc gtcatgaaca tatggtgttc 180
tcagcgcaac aagaagacat ctcttcttga actgaagagt gaggtgaag aaaactttcc 240
ctgaaggcac ctccaccaa agatttttct tcaagattca ctgggacaaa aatacatcac 300
atattcatgc ataaacccaa tcacttgcaa agggggaatc aaattaccca ttaccctaac 360
cattaaactt aattaggggt tttatttctc tngaggctag ggggagatcc cttttccctt 420
gaaggattgg gagtttt 437

<210> 2785
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R10378

<220>
<221> unsure
<222> (1)..(223)
<223> n = a or c or g or t

<400> 2785
ttttttttta acacangtct acatttattt ggtgaatatt gcatatctgc tgtactgaaa 60
gcacattaaa gaacaaaagg caaagtgaga agaatgaaag actactcaca acagttatca 120
tgattgagca tggatatgtt cagaatgagt atttttcaaa tcacttttaa caaagctgaa 180
ttgcagaaac gaaagcccaa cagcagcaat taaattacat ttg 223

<210> 2786
<211> 267
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R10662

<220>
<221> unsure
<222> (1)..(267)
<223> n = a or c or g or t

<400> 2786

agacacatct atttatttat aatccactgt gtataaagga atactatcag aaggcaagta 60
taagtcttaa gtgctaccaa cacttatgtt ggnacacttt gtatatcaca ctttgataca 120
acactttgta tcggnataca gagaaagaag aacacatccc acagtgcata aataaccata 180
tttaacacct ctcaaagact ttgtatagga tcaggcaggt tagccaagct gcagggntat 240
ttcccatctt ctgtggaaat gtttggg 267

<210> 2787

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R10684

<220>

<221> unsure

<222> (1)..(319)

<223> n = a or c or g or t

<400> 2787

ataaactttt ttgtgtctat gtcatatctt ataatgtttt tcctaaatgc ttaacctagg 60
aaacacatgt gtgcacaccc atgccaaaca cacaaatgaa tttaacagtg tggtttatga 120
aatgaaagca ataatagttt gactcttcag aacctcttca ttgtggccta tgtcaagctc 180
tataatcttt tctcctcaat gggagggcca tgggttaagg ggacagatgg ataaaggtag 240
aagggttttt caattgctta acntgcccc aattttccan ggggttatag ggnatttcnt 300
ccaaaagggt ggtttttgg 319

<210> 2788

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R12472

<400> 2788

ttattgaaaa ttttattaaa atccttcatt tatcttccag atagtagatt ctattaacca 60
agttgcataa agagttctga ttcccagagg taagaactga gcctggcttt ctagttacat 120
gtttactggg aaccccgctt ttcctataa cacttaagca tatttaaaga atataccctc 180
ccctgcctcc agccaggat tgtaagctcc tcaagagcat ggctgtgtct tttaacatca 240
aggggtccag ggtgaggaag ag 262

<210> 2789

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R12579

<220>

<221> unsure

<222> (1)..(357)

<223> n = a or c or g or t

<400> 2789

tttttgagga ttttgtgtgg ctaatgtgtt ctagaagcag agactccagg gagaaccaga 60
atztatgaag cctcgtgcaa catgngcctt tctcaccgag gtcatatgcc tggctgctgc 120
tgttccactc agctccatga gccacgtttg ttattttatg tttcttctgt gcttttgctc 180
atttccaccc catgtgttta tagacctttt ttcagccctt tttctttgtt cctttccctc 240

atcttttttgc ctcaggtagg aatccatcag ttttctctcc cctccaaatg actgtgtacc 300
cccagctgct cagggacttt gggaggtggg ggggcggggc tgggggggat ctacccc 357

<210> 2790

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R15740

<220>

<221> unsure

<222> (1)..(469)

<223> n = a or c or g or t

<400> 2790

tttttttttt tttttttttt ttttattgca ctctttttatt tacagaaaac acagataaag 60
catttcaatt tcaatgttca ttttagcaaac tganccactc tttttttttc tttttggcac 120
aaagaaatat cacagatgga ccccgagatc aatcagaagc tcataagatt catcagtcac 180
cactggtcca ggggcggcca cgagactcag acagacagac agcatcacca cagactggaa 240
acagaaacag gtccacgttc acctcacagt aaaaacctgc ctcaccgaca gcaaagggcg 300
ggcaggaggg ggcagtttcg ctgctctaag gggggaaatg ggcgtcaggg gcaggaggca 360
gggntgggga aaggntggac accnttcata atttagagac aagtggtcct cttgtttgta 420
tcctcttacc ttgattagta agacagtgc aaaaactagnt acccgtcca 469

<210> 2791

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R15825

<220>

<221> unsure

<222> (1)..(224)

<223> n = a or c or g or t

<400> 2791

tttttttttt ttttttttta gagtcagtat ttattctgat taatatttta caaaattttg 60
acatttaatt tatgtaagga gggctaattt attaaacact ttacaggttt ttctttccac 120
agaataacac ggtaagtagc aaaataatac ttggcacagt tataaataaa gaaaatataa 180
aataaaaaca tcntagctt aagtacaatg atgctgtttt acgc 224

<210> 2792

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R16098

<220>

<221> unsure

<222> (1)..(401)

<223> n = a or c or g or t

<400> 2792

ttttccatca tctcatcatt taataaatat ttattgagga cctactaagt gccagcactc 60
tgctaggcat ggggatcaga tggcgaataa aaaaatacag tgcttgcttg taaagatatc 120

```

ccaggccagt cggggagggt ggtccctcct ggaggngaag caaagtccag actcagagag 180
ggcatgcatg cacctgggtg aagaggagga ggggtggaggc agaggccagg cacacctcac 240
ccccggagct gagagcagaa atntcttcat tcttcaagga ntctctgagg acgtgctgca 300
cagctgggaa atgccaaaca gcagatccng ctttgnaccc tccaagcttt catctttctt 360
gtccctcaaa ctcttcatgt nttgggacat tgggcaccca a 401

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<210> 2793
<211> 417
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R16144

```

```

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

```

```

<400> 2793
ttttttttta agttttccaa taatttaatc aatgcaaata tacacatana cacatttctt 60
acatcaatag tattcaacag tttttatcaa aaggagaaaa ttttgatttt ataaaggcag 120
tgganataaa aaacagtaat tattaagttt tgctcaagga ccatctagaa ggaaaattta 180
gtgacacatc tgaaataagc aactgatggc cagcctagcc ttattaagta acacatatct 240
aaattgtaga tctccccctc ctatcttcca ccccatagct aagaaaggaa acccagggat 300
agaactaatt gaactctatt agccagggga atcgaaacca gtgccaatag agagatggnc 360
tccaatttag tcttcaaagt ggacaaagtc ataacactgg ttttctttcg atgttgg 417

```

```

<210> 2794
<211> 382
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R17762

```

```

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

```

```

<400> 2794
tttttttttt ttttttttgg cacacagaac cangttttatt tctcatgaat ttataggacc 60
acatgtcagc acagagcaaa tgggtacaagt gcagatggct ggggtgaggg cgggggctct 120
gctgctgcct tctcttctct ccagctgcct gactactggc acacagcggg cagtgaatct 180
gaggagctgt ggcctcacag tcgctgcagg ctgagcagaa aggagggccca ggggaggtaa 240
gantcactcc tgcaggagcg ggttgggtgat gaagggtctgg ggggaactcgg gtctctctg 300
gatgaagtca cccctccttc ctggggccggc cccagcccn tccccacctg ggccagctag 360
ctgggggttcc ctgcagcagc gg 382

```

```

<210> 2795
<211> 388
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R19808

```

```

<220>
<221> unsure
<222> (1)..(388)

```

<223> n = a or c or g or t

<400> 2795

```
tgtttgctct tgacagggtg ggcctcttaa aagaaaaaaa aacaacttgt tttttcttta 60
tgaatcccct atgccaaaca cataccttcc atgcatgaca tgagatctgc aaactggatt 120
ttagccaccg tatttattta gtcaaaaaaa ttgtccattg tagcagaccc gaaaaccttt 180
ttgctgtgac atgaaacat gttattctta tcttcttaaa acacagcctg ggatggaatg 240
gccatggcat ttttttcaga gaacatcctt tatctgctat gactgaatcc ttagggtaat 300
gtaagctata accctttgat tttcaaggaa ctaccgaata agtntatgaa gaggtgggtt 360
ttttaaaact ttcangttgg gaattttt 388
```

<210> 2796

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R20817

<220>

<221> unsure

<222> (1)..(403)

<223> n = a or c or g or t

<400> 2796

```
tttttttatt agttattttg cttttaataa agtaaatgta atgacaggag tagggaggng 60
acaaacacat caatatatat ttttcttatg gnnagnttnt ttaaantgta cccgggggtca 120
acaatcacgc cagctttgtt ctactattgc agaaacacgc ttttcatatt cccgtttgtt 180
ctcctgggac agctgagcag cctggctggt tgctggacta ttgggattgg gttcanccaa 240
cagagactgt atggatgtta gaatggaaga cacatcatag gttggactcc aacggttctg 300
aagtatgtcc cagaccatat actaccatc tgcataggac catttgggat ggggaccatc 360
ttaggagacc aatctaacct gtagggnggg ttttattttg gga 403
```

<210> 2797

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R21232

<220>

<221> unsure

<222> (1)..(365)

<223> n = a or c or g or t

<400> 2797

```
aacatgaagt gagctcactt ttaatggcac agaaaaccaa taacgtatth tgagcagctt 60
tgatgaaaaa catcaaagaa ataaacctca gacacccaaa tgatctaaac acaaagacaa 120
gagggtttcag aatagtgtat aagaaatcca gtaagatgaa caactaggac ctactggaaa 180
ttaaaacagt tttaaaaaaa aatccggcca ggggtgtgggt gaagagagca ggacaccttt 240
gtctttgttc cttaatcttt aggaggcaac acattcagtt ttttcaatat ggtgttaggc 300
tgtaggggtt ttccatatat gccctttatc ngggggtagg agttttcctt cttattttccc 360
cgttt 365
```

<210> 2798

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R22196

<220>

<221> unsure

<222> (1) .. (485)

<223> n = a or c or g or t

<400> 2798

```
tagaatcaca ancccaaaat atttatTTTT ttctTTTTca tatgacactg ttaaaacatt 60
cctactacag caatactgct ctccaggagc ttacaatcta aaacagtcaa cattaattgt 120
agacccagta attaaggcat tatatcaaat gcagactttg tatctTTTT ttttttttga 180
gacggagttt tgctcttgct gcccaggctg gaggcgcaatg gcgccatctt ggctcactgc 240
aacctccgcc tcctgggttc aagcgattct cctgcctcag cctcccgagt agctgggatt 300
acaggcatgc accaccatgc ccagctaatt tttgtatTTT tagtagagat ggggtttcac 360
cacattggcc aggntgggtct caaactcctg acctcagggtg atctgcaccc ccgnttgggc 420
tcccaaagtg tgtgagccac tgtgcccgag ccagcctcgt tccgaattnt tggggctnga 480
gggca 485
```

<210> 2799

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R22565

<220>

<221> unsure

<222> (1) .. (267)

<223> n = a or c or g or t

<400> 2799

```
ttcanctcct tttattgaca gaaatagaaa tttgtgctgc agaggcagta gtacctcaga 60
gcatgagaag gtagtcaatg gggctgacat gacaagccac aatgctggcc aggggtccta 120
ccatagtggg agaaccaaaa ccacaaaaat agcaggaggt agcaaacatc cccaacaccc 180
agtgtaaagca tttccatttg cagagagctt ggccatgcat ctttaaaaaac ggggtccccc 240
tcacagctgg gcagggtatc atgtcag 267
```

<210> 2800

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R22905

<220>

<221> unsure

<222> (1) .. (298)

<223> n = a or c or g or t

<400> 2800

```
atttggaact ttgaatatTT tagtatatTT ttctttatat ttaacagcat gggactatta 60
atagggccca taccagagca gacacaatTT acaactgcaa gttttacca tgaattatgt 120
gacaaaatct ttttgaatat aaaataacca gcatttctat aaaacactgc tttttaatta 180
tgcaattaa gngatatagc aaaataagga cgTTTTtatt tctaaagnaa atattttagg 240
ncaaagtTgc atcagggnaa tccaagggat ttctttggcc attttcagga gggggttt 298
```

<210> 2801

<211> 218

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R24507

<400> 2801

```
taacaagtaa aaacctgcaa actcttttatt aaattctccc atttcatctg tacagaaaaa 60
aatgcacatt atgttcagaa catatctcag taacatctca aaattacaca gcatgaacat 120
gtaaaaacaa gggaccacca cgattttata catagaaagg aaaccatttt acaaaagagg 180
cttggttaatt gtattttttt ctttctttca aaaacaaa 218
```

<210> 2802

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R26706

<220>

<221> unsure

<222> (1)..(468)

<223> n = a or c or g or t

<400> 2802

```
tataaaaaat ttattgagat gatgtaatta taggcttttc tttaaaaatt atttgcaact 60
cactggccct gagaaaaggc attttttttg tttttttttt tcttttttgt tacattcatt 120
tgattcagtc ccttataaac cccacacctc ataaacaaga gattagaaac taaacaaaaa 180
ggggggcggg gaaggaaatt ctagagtcgt tctgggtttg caggtgggtt gcgggtcaca 240
aagaggaaat catcaaggaa tggtcacttg ggcatgtgtg gaaaggattc agggggggnc 300
tgcagctgtt taggtgtttg atgcagtttg gggccaaaag ngtatcaggg ttagncttct 360
tgtgggggtt ttaggggagg ggattatggg gggccctccc ntccccaccc ccactgggcc 420
tncccttntt gtcncagcc cttttatttc ctactccga gngggggt 468
```

<210> 2803

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R26744

<220>

<221> unsure

<222> (1)..(346)

<223> n = a or c or g or t

<400> 2803

```
acatttttct aaagaaatat ttaattggta gtcttctaga aagaaggctt ttcatatagt 60
acaaaaacat gcagtcggaa gcactgagaa aactgggcaa cataagagaa gcatgagatg 120
tgacatgaag cagctgatag tctatgtaag tcaaaaataa aattctaagc acacaaccaa 180
ctgaatcgac ctttccactt ggccaagagc atttctaaagt aaacctgaaa cactagctca 240
ggccatgatg gggaatgggg tgggtcagac atacntcat tatacncntt cctctctttg 300
gggaattcag ggcacagtgg gaccagcat ttaaccattt aaaaca 346
```

<210> 2804

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R26904

<220>

<221> unsure

<222> (1) .. (177)

<223> n = a or c or g or t

<400> 2804

aanatttgaa aacttttatt ttctcaaagt agcaccaaca cagattggaa atatgacaga 60
aacaatgcac ttttctctaa tactgaatca ctatgtacaa atacaggaaa aggtgaagac 120
aaattatttg aaaacaatta cttttgttat aggaagcaaa gtgacctgga aaaatgc 177

<210> 2805

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R27016

<220>

<221> unsure

<222> (1) .. (354)

<223> n = a or c or g or t

<400> 2805

gngaacgtca cgggtttacc ttcacgtggc cattctcctg tccgttcgct ttggaaggcn 60
cgaggcacag cgnctcccca ggcctctccg cggcggcttc tcccttcgct gcggtcttgg 120
agaactgggc acccatgctg gcttcttcaa caaagaaact caacagatcc aagaggggaa 180
aagaagagcc tcgggttggg gtaacgacgg ggcgagcagc aagcagcggc ggcggcaaca 240
agcggcaggg ccacacacac cggagggagg ggggggttggg gggttggtnga aaaggncaag 300
aacagaaccc attttaatta cacttcccga ttaaaaaatt ttttagttcc gagg 354

<210> 2806

<211> 224

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R27296

<220>

<221> unsure

<222> (1) .. (224)

<223> n = a or c or g or t

<400> 2806

tcagaaagaa agaagtcaaa ttttatttgg ttgtagatga catgaccttc tgtaaagaaa 60
atcacaaaga gtcagccaaa atgcaactgg aactaacaaa cacattcagt ttatttgcag 120
antagantaa cagcaccaaa anttagttga atttccatac attaacaata aatantttta 180
aangaaantt aaaaaccant tccatttggc aaagaactta aagt 224

<210> 2807

<211> 253

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R27432

<220>

<221> unsure
 <222> (1)..(253)
 <223> n = a or c or g or t

<400> 2807
 aaagaataaaa aacattttatt ttaaaaatac catttagcat caattgcccc aagtttggca 60
 ggcatgaaga gtgggcagtt catgttttat tagtatataa aattggcttt acaggaagca 120
 ttatggcaaaa aaaatgaata cttattatga aaactgaaaa agagaagtga gtagtaagct 180
 actatcagan cgttaaggct aagaaaatgt cactntgcaa tgaaaaccat ctcctcctct 240
 aatanggtac taa 253

<210> 2808
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R28636

<220>
 <221> unsure
 <222> (1)..(463)
 <223> n = a or c or g or t

<400> 2808
 gcgagacaaa gtccttttatt agaaaatata tcaaaatccc agccccctga gccaggacca 60
 gaagagggag ctattccagc ataggcagaa aatgccagg gaggggnttc cttcaccaaaa 120
 caanttccc ggaaccataa ntagattaan tnttcacaga ggtccgagga gaagccagnt 180
 cantcttctc tccatggaag agggaggggn ttgggggtcca gccctgntcc tactntaggg 240
 gcagggantc ctagggantc gtcacataaa ntcattgacat caaggtttca cagtcataag 300
 ccctacaggg agaccctagg agagagggga cccctgaggg tnttacaggg agcccagttt 360
 ccagttccag gcagtttnagg gggagngggc cccttaccac ctaggcacgg gcaccagagt 420
 tttcagtttt cccttnacat cccttttgng gaacgttnag ggg 463

<210> 2809
 <211> 311
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R30931

<220>
 <221> unsure
 <222> (1)..(311)
 <223> n = a or c or g or t

<400> 2809
 tttttaggac anangggact ctgttttaaat aagcagctta tagatttttag caaaccatat 60
 tnccnatgac antgggttct cananaggct tgcagttcaa aatccaagtt tgaaatctgg 120
 gacggaaggc attctggaaa acggagaatc taataaaatc aatgacgtct catgttcgat 180
 gctggctgtc acggaagggc tgggccatct gttgggtctg aggtgtaggc tgggtctcgt 240
 gaatcccact cgggtacana atcgggctaaa cactaaaaca tgttcaaggc aaaggtacat 300
 gggggcncca g 311

<210> 2810
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R31104

<220>

<221> unsure

<222> (1) .. (301)

<223> n = a or c or g or t

<400> 2810

```
ttttaaatat acaattttct ttattaaaaa taattttacag catcagtaac atatacacaa 60
ttgtcatcaa ctgaactttg cctccaatat atttctatac aatacttaac attattganc 120
ttaaaactgt tacactggtt tggtggcttt aaataataga caatgatttt ngctctattac 180
ttaggnagata ggncaaaggt gattactttg gttacttagg ngaggatata tgggnttcat 240
ggcccccata ttatggggta aaattgatgg gaacggtcng gcaatatcnc tctttngggg 300
g 301
```

<210> 2811

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31107

<220>

<221> unsure

<222> (1) .. (468)

<223> n = a or c or g or t

<400> 2811

```
catctctcct tttttctttg gacttttctg agacccctc tccttgcca gccggtgtct 60
gcatcttgca gctctttcag ctgtaatcca ctgttattat aaggagccct gttgctgtgg 120
tggttaaggag tggggaaggg aagcattcca ttttcttagg attacatctc aatcttttgg 180
ntgggcctat gttgctgtac tgtgacctt acaaagtgtt cttaaccttt ttctctcttc 240
cttaggttga cacagggaat ctaggagggt gactcgagtc agaggaacta tcttctcccc 300
aggatggggg ataaggactc tggggtaaag gcccttttcc ntggggagag gtaagggtctt 360
taatcatagg ggggaacatt tctgaggcgc cactttcaaa gggcatttac ntttccccctt 420
ncccttnncc agagccnggg gggaaggggg ntatcttngg ggtctttt 468
```

<210> 2812

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31607

<220>

<221> unsure

<222> (1) .. (241)

<223> n = a or c or g or t

<400> 2812

```
aatgtttaat ctttccaatt aaatacttcc attccataaa cttcagaacc aaagtttagat 60
accaacaaga gactgaagat aaatacagtg tcaatagtat caagggacta gcccataata 120
tatacttgaa aatcgtatta atcaccaata aagtacccca ccataaacia aatacacant 180
aaaangtcaa ggatacaatt aaagacaggc caacatatga ggtggaccat tgacaggagn 240
g 241
```

<210> 2813

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31641

<220>

<221> unsure

<222> (1)..(484)

<223> n = a or c or g or t

<400> 2813

```
cgttgttttg gctcttataa ttaggtcctg agattttata aaaatttagt ctgtagcttt 60
ttaggttctt cactagagtt gggtgtacat aataataaag aatataaagt atcccaaat 120
tcttttaaag tctggatttt tccgctaata tgtactttag agaataatgt gttcatgcat 180
acttccacgt taaattgaaa atgtcttcag cttctcttgg gtaaagtgtg accatttgtt 240
ttttattgtg cttgggggga gaggggtatt ttaataataat ttttgccta aatcaaggag 300
tccccctctg gaatgttaaa ttttaaatgt ccaaaatatg gnggacggat atatcttnga 360
agtgaggatt gccanatgcn ttaaactnta gtnggggttt ttnccaaaac ggnggaaatt 420
cngggggnnt ttgtccnttg gaggcncccc ntagggggga attgtagggg gcntcgggtt 480
ttgg 484
```

<210> 2814

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31917

<220>

<221> unsure

<222> (1)..(340)

<223> n = a or c or g or t

<400> 2814

```
gacaatgcta atgagtattt tattggggcca ggagcatgac atctttactg cttatcaata 60
tagtncttta tcaaaaaganc tttaataaaa gcaaagtgca gaacagtata tacagtaagt 120
ncctatttgt gtaaaataag aaagctacat ttatttctac ctacacagaa aattacaata 180
caaggacatc taaggacatt ccaagtaggt ctgtggtaat gatgggaaaa atgaggacag 240
ggctagggga aaaaaactta cttttgctaa tctactcttt ggggtactgt ttggaatagg 300
tattttcnaa aatgtttgtg gaattacttt nccagggtaa 340
```

<210> 2815

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R32036

<220>

<221> unsure

<222> (1)..(462)

<223> n = a or c or g or t

<400> 2815

```
tcagtttacg gttgttggtg catttccttt cacatacagt gacacagagg gagttcataa 60
agttagaaaa caaggatgac caaagaagca gctgagtgtt ctagacaaac caacgatagg 120
agggagtggg ggaggacgaa caatttaagc agcagagaag ctcccagcaa acaggaacag 180
tctacaaagn tcagacaggc aaacaacatc ctgaaggaag aggaagcaca tttntgggc 240
acaggccatt tccattgtc tttgatggga tctcttggga accacacttc cattctgctt 300
```

tacactttgc taggaggaaa gttcaggggtg atccaaagtc tcaggaaaca ctccttactt 360
 nggggtttttt tcccnactta gggtcctttac ggggtgttgc ccttttttnaa ggnccctggca 420
 aatttcaggg gnccagacag ttcgtncttg caggcatata at 462

<210> 2816
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R32440

<220>
 <221> unsure
 <222> (1)..(464)
 <223> n = a or c or g or t

<400> 2816
 ggtagganac gaatacttta ataagatacc agtgtcaaaa tacattncct tataaagtta 60
 agnccccata cagttataat gttgtcagta ggaattcgac aatataataa cgctcatgaa 120
 atcgttacgt tgacaggtag gggttaatatg aagccttgga tattttccag tggttttaggt 180
 aaaactgccca agggntaaaa tgcccttaata gccgggggcaa cacacacagg gaaatcaaat 240
 accaggcatt tacacgtcgt aaacccttca agttctggcc acccggtgtg ggggtaattgg 300
 ccgtgcggct taaaatatgg attttacggn aacaccatgg actaggggaa tttccttcat 360
 aggggaacttt aaattttctt tttgganggc tattttctct gtttttgggg gcattagggtc 420
 ttttcggggg ttttactaan aggttggggg cccntgtggt tttt 464

<210> 2817
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R32490

<220>
 <221> unsure
 <222> (1)..(363)
 <223> n = a or c or g or t

<400> 2817
 aacatttaag ttntgctttt attaaataca aaagcaaaat aagctctaag gagtaaggta 60
 gggctactta agggcggttt ctgtggacag cggacacagc accattaagg ttagcttaga 120
 tttgaacaaa ccatgagcag acagctaact acatgttatg tttctcttag tagttttagg 180
 ggtctgcccc gtaatcaaga aattttactt ctccagaata catgaacatg ggggaccena 240
 aggaaatgta aatatttcgg aaaaagcacc tacaccaatt aaaatgagga cggcaatcct 300
 tatgcagggg ccaggatgtt ctncceccatc ttaccaattg tggccatttt accnaatttn 360
 att 363

<210> 2818
 <211> 195
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R33146

<220>
 <221> unsure
 <222> (1)..(195)
 <223> n = a or c or g or t

<400> 2818
 atatcaagtg tnttttattt tcacaaatat tttaaaatgc agctaccttt gagccacaaa 60
 agggaaaaagc agtatttcctt ttatgtattt gatacaaaata ttaaacataa ctcagtttta 120
 gttcattagc tcagctcagt gaaaatagct caggaaaaaa aagtcatagg taatgctatt 180
 ggtatatgca ggaaa 195

<210> 2819
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R33498

<220>
 <221> unsure
 <222> (1) .. (348)
 <223> n = a or c or g or t

<400> 2819
 nctttttaat aatttcagaa taaagtctca tttcagtgca gtgggctggg tgggtggggga 60
 gaggggttgaa agccccactt ggggtccccga ggggtccattg agccctctca ggccagctcc 120
 aggaatcctg ggcctgggtc acagagcaga gttgcttgca gggtcctagt ggccatcggg 180
 ctggggcagg acatcatctc tcagagggtc agaggctcag agctgggtgc agctcagcag 240
 gtcacggccc tccaccagct ctgggttctc ccgcatcatg tgggtgggct gctttttccc 300
 ccaccagggg cctnagctcc agcagctnng tggggtnagc ttagcaac 348

<210> 2820
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R34133

<220>
 <221> unsure
 <222> (1) .. (410)
 <223> n = a or c or g or t

<400> 2820
 taatagggaa tatttatcac agctatacat ttattcatca ttttaattccc atttatttat 60
 tcattaattt attcaaacac ttcttaagca tgcaccatgt gtcatgcccc tcttagaggc 120
 cacaaagggt ctaaaactat tacttgtgga cagaaaaaga gacctatata catgtaggca 180
 ttatgtctta ttgggaattc agagcaggaa gagaacacat ctgggctggg ggcaggatga 240
 gggaaggacc tgataaattt tctattgaac aattactcta aataagtgtg ctttcttttag 300
 gatgggtagg gntttggacc ccggggnttc aagattacng gggattttga gtccaaagtt 360
 ttgggcccc ttggggggga aatcctgcca tttttgccgg ggtcctgggg 410

<210> 2821
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R34362

<220>
 <221> unsure
 <222> (1) .. (348)

<223> n = a or c or g or t

<400> 2821

```

agaaagaaan aactttggct ttattatattt tatattttatg gtatatccaa gctgaaaaaa 60
gtattcatca tatattagtc aacaagaagg aaaatgtata ggaaaaaatct cattcacttt 120
ttaggagaga gccaacaact gtctaact ttcactttgt gggttaaaac cacaccctca 180
ttgctttata aatctaaggc ttggctaaaa acaaaacaaa tgttggggcc acacaattgc 240
tccctacttt actccctccc tttgtgggat ggatatggca ggctttttta cctggcctcc 300
actttccctt aaatggatcc cctgggccat cctaaaaatt atatattt 348

```

<210> 2822

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R36109

<220>

<221> unsure

<222> (1)..(329)

<223> n = a or c or g or t

<400> 2822

```

gttactacaa ancatatattt attacaaagc actaaataca atgcggataa tcccagactc 60
aagacgtaat tattccaaca catatcctcc agcagaagca gtttccgagg ggaaaaccga 120
agcctatgcc ttccttcttc cagggntacg aagcggccct tgccctgta ggcttcgtcc 180
ttagggttcc cgtcatgaag gntaatcagg aagggtttct ttttcagccc aaagacggnt 240
gacgantaaa gccatttcag gtgacagctg ggaaggggca ctgcaggaag gacaaaaatg 300
taccnatagc gtaggggcac ttcccaaac 329

```

<210> 2823

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R36228

<220>

<221> unsure

<222> (1)..(320)

<223> n = a or c or g or t

<400> 2823

```

aaggtagcct tttattctga ttaattaaga tacatcttta agggttattc tgggtggaag 60
aacatttatc ttgacttatg tttaattttt ttaatgcttt ggcagatgaa gtaacatttg 120
aaaactgttt gtgaaaatag tatgagactg gaaagattac gtcgtgggta aaagtttcac 180
agttttccag ggtatttcct tatactgaag aggccttgag gcaaattcaa cattctggga 240
agcccagact gacaaaggca aaacaggatt ttgatgttgc ctttgttggg gccnggggaa 300
tgatgctgct gcttggccag 320

```

<210> 2824

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R36947

<220>

[illegible]

```
<210> 2825
<211> 321
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> unsure
<222> (1)..(321)
<223> n = a or c or g or t
```

```
<210> 2826
<211> 396
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t
```

```
<210> 2827
<211> 296
<212> DNA
<213> Homo sapiens
```

1226

<223> Genbank Accession No. R38076

<220>

<221> unsure

<222> (1)..(296)

<223> n = a or c or g or t

<400> 2827

```
tttttttttt ttccgaagat tgtttggaat ttattctctt aaataagaat gtaacatttg 60
ttaaaaaaaaa aattaaaagc acgacaactt ggtttcacag tcaacggcaa aaacaaagtt 120
acacanttaa ataaaaactc acaaagaaac acaccaagaa ctcaacagag cacaagttaa 180
aaacaaaggc aaaantggaa gtggagagaa ggcgggcagt agacaggcag cagtggcgtg 240
ttccttgga cagctaatac tctcctgttg gggctctcgt accgccgccg ggaagc 296
```

<210> 2828

<211> 257

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R38185

<220>

<221> unsure

<222> (1)..(257)

<223> n = a or c or g or t

<400> 2828

```
tttttttttt tttttctggt tttccttttt atttaatacaa aggacctggn gaataaacat 60
aaatacanna caattacttc aggatcattc ttcataattgt atacacacaa acccatgaac 120
ataatctgaa agaaacctgt aagacaagca atgaaatgca tacagctttt tcttccctcg 180
ctcaaaaaaa agtttaaaca caaaaactta caatctcatc agcacacact ctcttgtagc 240
aaatgattca ggcataa 257
```

<210> 2829

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R38239

<220>

<221> unsure

<222> (1)..(429)

<223> n = a or c or g or t

<400> 2829

```
aganaattnn ttttattcag cctgatatag atcatttatg aaaaactaac agcaaacatc 60
atcctcaatg gtaaaaggct gaaggatttt tctctaaggt taggaacaag gcaaatgcct 120
gctcttgcca ctctattcag catagtgcgt ggagttctag acagagcagt taggcaagga 180
aaaggaaatc taagggcac caaattggga aaggaggaga aggtaaaatt atctctgttt 240
ggccaatgga tatggatttt atatggtatg gaataggaaa acccttaaag gattccnccc 300
agggggccngg ggnccgggtg ggccctcacg cctttttaat tccccagcac tttgggggga 360
ggggcccaag gtgggggngg ggtttgcttt gagggncag ggggggtttcc aggacttggc 420
cggggggggg 429
```

<210> 2830

<211> 476

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. R38280

<220>
<221> unsure
<222> (1)..(476)
<223> n = a or c or g or t

<400> 2830
tttttttttt tttttttttt taagtgtgga aatgttttatt aactngtggn ggaaactgaa 60
ctgaanccaa cctgatcacc tcctcagaga ctcagcattg tgaattgccc ctacagggtca 120
tttttataca gcatgaagta gccctgcacc tgggaagact gatctgggtt gtagctcgaa 180
ggacatgttc tgcaaagtgc tcagctaagg aaggtcctgc cctggataga acctctggaa 240
catctgggtc agctgccagt gtgagcagta gccacgtac tccttcaggt ccaactcgccc 300
cgggntatca gggcaggggc agcctgtcaa cgtgggttgg gtcatgaac acgatgcggg 360
gntcgggtng gaagccacac catccnaggc atttagcagt ccacttnagg gttaggcnac 420
ctagggcttt ggnactttan ttggggtnnt cacagccnag tttcgantta ggnaag 476

<210> 2831
<211> 304
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R38511

<220>
<221> unsure
<222> (1)..(304)
<223> n = a or c or g or t

<400> 2831
tttttttttt ttttttctta gtattaaatt ttatttttaa atgttaaaaa catgattagg 60
naaaaaattcc cactctaccc atccccccaa tatctataga acaggattca gagcagtatt 120
tgtcaatggt tgcctaggat gatcaggatg tttgaaccac tgggagtttt ctttaaactg 180
tgtatttctg ggtctactcc agatctacct aatcagaatc tctgaggggt gngtctacaa 240
ctgattttta aaaaacgntc ccggggattg tttttatact aaaatttgag agctactggg 300
ttta 304

<210> 2832
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R38709

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

<400> 2832
tttttttttt tttttttgat ttctcaacat caaagtttaa ttattacaaa atagttcaag 60
caacatgata tgantttcaa aaactgtatg ttgcttngct tcctngtttt gctccaacac 120
taatcatgct gaggtttttg aagcacagct atgactaggg caggcactct tgatttcagt 180
cacaaaaacc cttcttggtg gaacaatact tggtcttttc agaagaaaag caattttacc 240
ttttctatct ctattatgaa aaacagagct aaacaatttt tgtattttta gtagagacag 300
ggnccaccca cgctggccac gntgggtctc ganctccttt caagntgttc tgccctgcccc 360
ggcctnccaa agtgccgggg nctacaggat ntgaggnac c 401

<210> 2833
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39191

<220>
<221> unsure
<222> (1)..(399)
<223> n = a or c or g or t

<400> 2833
tttttttttt ttttttcaat caagntttta atgaaaagat cataaaataa cagtttctta 60
tccgctgtac atttaagact gcacacttct gaatggagag atcagtcggt ggtgaattgc 120
ttttctatga cactgggcag ctntntagct caagctctga cctganttta tacaaactct 180
caaggggacat gaactcaatn tgacaagtga cagcggcggt ggccagtaca ggagtgcgat 240
cccggntntcc ctccccctt ntgggaaggc cataaaacaa aacatgatcc ctnttccagt 300
tccaattaaa caaaacagct ntaacccnt ccctncccn tcccnttcga gggnttttgc 360
gaggaattga gccagtgcc aacctggggg tcccccccg 399

<210> 2834
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39234

<220>
<221> unsure
<222> (1)..(347)
<223> n = a or c or g or t

<400> 2834
tttttttttt caaggggaag atgaccgnt ttttattaaa ggtaaacacc aacggaaaga 60
attgagaagg aatacacaaa agganggggg agggacacaa agtcaccact tnaggagggtg 120
gaagggcggc acatcagtaa aagaacctca ggacagccac atgctccatg ccctgggttg 180
gggaagaggg agagaaaagc gccattgata gcttgagct cgtagaagg tctnaagccc 240
ctgaacctaa caccagagcc acaagccctg cccctgaggn ttcacacant actacacaan 300
tagacacacn taacacacac aagacntttt gaaggcaaca cccgaga 347

<210> 2835
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39238

<400> 2835
tttttttttt gtaaagacag atatatttat ttcatatgac agcacgtttc acaggatatg 60
tacagaatgt ctgtgtacca ctgactttaa tactgtactt ctataaagtt tatagttata 120
aatattgtat gccacataag caataaaatt cttacatata aacagcaatc taatatagag 180
aacacagagt tcacaaagag atccttagtg tctaacttct gctctgcttt taacagaact 240
agtaaataatt taataatata tagggtaatg gctagttatt tgcagcatac ctttaacttt 300
cataactttg tgcattttta gcaacttgcc c 331

<210> 2836

<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39390

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

<400> 2836
ctgaaactgt cggaatatat gggctcttgaa attcagaaga tgatagtcac tcttcccata 60
tttataggct attaaggcaa gggatatctt aaacatcata ttactttatt tagatttcta 120
ctactccaat tattaatggt atgtatttct cattgtttta cttcttcatg gtattatgaa 180
gactatatag atgattcaac caagcctgca aatctccctc ttgtgggaat tccactggga 240
cccaatctgt tttccatttc cattgcaata ctactaaagc catacaatat caaggcacc 300
tccctctagg gtccggggga cttatcacag gaggaggcag ggcatgttag ggttttaggg 360
actgggtttc ggggggggtcg agtgtagggg gnaaac 396

<210> 2837
<211> 262
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R39610

<220>
<221> unsure
<222> (1)..(262)
<223> n = a or c or g or t

<400> 2837
tttttttttt tgcattgggt aaccctttat ttttatttaa caagtacatt tggaatgaag 60
ataaggcaac aatggcaaaa tttctataat gttgctagca ttttccaag gtaaagccag 120
ggaacaaact tgtgtccttt ctataagaac ttctaagtga tgtccctct aactccatgg 180
acagacacta gtggtngtga agttcataaa gttttgaagg tggcaaacag cttattttgt 240
ccttatcat aattgntta ca 262

<210> 2838
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40057

<220>
<221> unsure
<222> (1)..(450)
<223> n = a or c or g or t

<400> 2838
ttttttttgt tttccaagtt cttttttatt caaatgaatc agaactgcaa tctgcacatg 60
aaaagacctg ggggggaatgc ctacatctgg aatttcatta catcaacgtt aaattttgtc 120
cgaccagttc ttcattgctg atcacttttg ataatgacag atccaacatg aaactcctga 180
agcaaatgaa tatttacctt gtgctttcat gcaaatttag ggaccaaact caaaggtttc 240
atccatgctg ggacaccaga tctaaggaat tgtgacagg atcttctcat atttcatttt 300
aggaacactt gatactaggt ctggatggat actcatgtta ggctggcact ccaattaatg 360

tttatcctan tggcaacagg aaaactctgg ttaaactggg acaccgtaat tgggcatctg 420
gtttaaaaac aactccnctt ttggaacgga 450

<210> 2839
<211> 235
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40254

<400> 2839
tttttttttca agaatcataa agtttactgt ttctttttcca tcattttggca catatccaag 60
gcacattaga aaattagaaa tcataaatta cttttagtagaa aaataatccc tcccttcctt 120
ctgtacatac acaagtattt ccaagaacat ggacaaaacc atttccttat cacaagggtca 180
tttgaaaacg gactcaggac aaacccatat acgtgtagct ctaggccaat aacat 235

<210> 2840
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40395

<220>
<221> unsure
<222> (1)..(330)
<223> n = a or c or g or t

<400> 2840
ttttttttttt acggtagcaa aggaaganct ttattcagga ggcgggggct ctgggctggc 60
antngggnat gcaggagagac cctggncagt aggcacccag caggatggca ttgatgtgct 120
ccagggtcag gttgctgaag accatgttga gatgctgtat cccgtgcagg gcagcagggtg 180
cacaggctgt ggctggcggc cctgccacan gccacagagc tcggtgctgc gggtcgccac 240
cgtgtcatca ccacctcat agagcacacc cacagggtcc gtgtagggga agccgtggtc 300
gtagatgtag gtncggggcg tgggcaggcc 330

<210> 2841
<211> 231
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40492

<220>
<221> unsure
<222> (1)..(231)
<223> n = a or c or g or t

<400> 2841
ttttttttttt attcctgaaa aaaagatatt aatagtttga taaggattgc attgaatctg 60
ctgattgctt tagatagttt ggacatctgt aacaatatta agcattccaa tttggaaaca 120
caggatgcct ttctatttat ctgtgtctta tttaatcagt atataagtnt tcagntata 180
ggnctttcaa ctccntgggt aagtttatca ctaactgttt tattatttcc g 231

<210> 2842
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40556

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

<400> 2842
tttttttttt tttttttttt ttcaccaaac taacatttat ttagctttgt tccctcccat 60
ccaagactgc tgatctctaa acaagcatca aaaccogaag ctcatataca tcagagtga 120
cttcaataag gtgaacacta caatgatgta caattacatc ctaataattc aatgccaag 180
agccctgtag gaactnttgc aaggcccagg gnttntcaca gtatggcaaa tggcactngg 240
gaaaatcatt acctntttng gtccccctta ttttgggggg gggttaacat g 291

<210> 2843
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40899

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 2843
tttttttttt tacaaattaa tatattttga actttatttc tccacagagc ctgtataatt 60
ataacagata tatttctact tacaaagttt aaacaatatg taatacaacc tttttaaatc 120
tgtgataata ccatctaaaa ttttacaagn aataaggatg ggctttcttt gaaagttaca 180
aggggaaggg aatttgaaat actacataca ttaggaatgg ggggaccata gcagggattc 240
ggcgtggcat atccatttta ttatcaggaa ttatctggta ggnatttgcg gggttacact 300
tactgaggg 309

<210> 2844
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R40946

<220>
<221> unsure
<222> (1)..(333)
<223> n = a or c or g or t

<400> 2844
tttttttttc aggttttaatt tttctataga ctttattaca cattattatg ttacaagaca 60
aatgcagata attcttaatt tatcaaattt gtgagcttaa ttaacaaaaa tatttgaccc 120
tcaccagaaa aacagataac tctaaatcta ctctgnaaaa tctaataaat tgcgaagtat 180
tacctatttg ggggactatg tattatatca naggtaaagn ctactattct cacaggaaca 240
tatggggggg cattgggcag nccaaccaat aatgganggt aaatattcta atatttgggg 300
gnaaatactg nggaaaaact ataaattgtc cgg 333

<210> 2845
<211> 464
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R42241

<220>

<221> unsure

<222> (1)..(464)

<223> n = a or c or g or t

<400> 2845

```
tttttttttt ttttgaaaac agaattattt attgcataca gcatgggact gtgatcaacc 60
tggncatcaa atgccgcgat ggctgacagg gccagggcgg cgggagtgct gggaagccca 120
gtacacgtgc tccctctctg tgggactccg ggatccacgg ggcggatggt tctntgagtt 180
gcgagttggt cctgtttgtc ttccagcccc cagtcctccc cggccactct gattagccag 240
cctagggtag ggctggcat aaagtccacac aggcaaacc cagaagaagg aaaaagggca 300
cctgcatgaa caaagagttg gggtgcagag gntgcaccgg ggtaagactt cttcatgca 360
gttnggagtc cncctatgtn gggacatcag gagatgncac cncacagaat tggtnngctag 420
gttttntctgg gttttggccc agagaggctn attcccattt tttt 464
```

<210> 2846

<211> 266

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43166

<220>

<221> unsure

<222> (1)..(266)

<223> n = a or c or g or t

<400> 2846

```
tttttttttt tttttttttt tcttnacca gactgttttt atttaaaata tacttggaat 60
aggtgaatat taatctaagc attttcctat cactttttaa attttatact atgtactttg 120
tattaaatag tacagtagtt tcagtaagac atgtaaaatt tgccatttta accaccttaa 180
ngtgtacaat tcagngacat ttattatatt tacaatgttg tgcaaccatc accactaatt 240
catcaaattt taataatctt ttaatt 266
```

<210> 2847

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43174

<400> 2847

```
tttttttttt ttttttagtga gaaggatttt tatggtaaatt gaggttttca agtattccaa 60
gactgatttg atagtgtatt ctcaaaaaaa agccctacac atcatatcac tccagtttaa 120
acagtgcttt gatgcttcat gatgtccaca tttaggggtca gcattcattg ttcagctaag 180
aacactgggt cctcgggaata tggcaagcgg ttgaaataat ggccctcagtt tctatggcat 240
gggtgcaaat cggctctgta gagctcacag taaagagctt tgtgaaacac tgtgccaatc 300
agcagttttc ctttgtacac agaggcaact gtactgcctt gcaacactgt gccattttct 360
gcataaacct gtgtcacttt aggttcttct gttaggaatg ttctgggttc gaaggcacct 420
ctgattgcag gaggggt 436
```

<210> 2848

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43347

<220>

<221> unsure

<222> (1)..(330)

<223> n = a or c or g or t

<400> 2848

```
tttttttttt tttttttggc tagaattgca tcgtaacagt gtggtcacac tggntaagaa 60
atgcagattg gcaatcatgt acatctctga ttaaaacaac actcacataa ccaacacaat 120
ttgctaggcc aaagtcttca cgggcaatcc ctgggggtggg agtctgggat ggggtggata 180
atgaaggata cctgggggtg cagaagtggg gtgggaatcc ctggggcatc agtccacagg 240
aggttggggc cagcgatggc ttcaggggtg atatttccaa tatatatcag ccctgggcac 300
ttttcgccct gctgctcaca gcatggctct 330
```

<210> 2849

<211> 235

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43365

<400> 2849

```
tttttttttg ggttaatact tttaattaca tgattgtaat tatacaattt ccactatttcg 60
atattttgta taaaaccagt tacaaccac aagattttca aatgtgacaa tatgtatcaa 120
actacataca tatgcaaagt ttacacgccca ttaggaagct ttatcttaaa aataccttca 180
ggaaaataaa cattcattca accagttctc ttgggcttta aaaaatatga ttagg 235
```

<210> 2850

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43799

<220>

<221> unsure

<222> (1)..(427)

<223> n = a or c or g or t

<400> 2850

```
tttttttttt tttttttaag cacatgggag gagtgacttt attcacaata ggtaaaataa 60
acataattaa tttttaaaag gagaacaaat gaaattaaga tagataattg caataatcaa 120
taatattggt ggtttaattc ataaattaaa gttcaagcct gatgccataa ctcatagggtc 180
ttatatttat tttncctta tcctgttaaa agatgtgtga gggcagcccg aggatataat 240
ttttgcctat tcttttctca tccatgaggg catggaaata tcagncccta ccgaggtaat 300
gtgggggggca aatctatttc cagtttaaaa cttacngtgg atttaggac agacggatgg 360
tattatttca caatatattg gccacacata caccggggg gccattatcc aatggggggc 420
aatccc 427
```

<210> 2851

<211> 482

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43910

<220>

<221> unsure

<222> (1)..(482)

<223> n = a or c or g or t

<400> 2851

```
tttttttttt ttttgggtgtc taatactttt acttcccagc agcataatac cactttgggtc 60
aggttgaacc actgcacaat tttgcagctc tttcagaaaa ataataaaaa caattggaaa 120
gacatgatgt acatgcaaat ggtgagaaaa tgatactatt gtccaatcct ttcccgtaaa 180
tgtaaaatat ccttagttca tctccaaact gtgtatttat tataagccct tacatcaggg 240
attttgtttc tttcagtttt tgtagcacca aatagacaca gcggctaaca agaaataaat 300
ctgaaaagtc actgaaatat ttatcacatg tcaggaaatt ttctgggtctg tacctttaac 360
catgttcctg ggcttcacat attcttctta agngtaagct ataacataag gttgagttcc 420
cacccgtgtt tggctaccgn tgtggtttgt ttacctggat aatactttgt taatatacctt 480
tg
482
```

<210> 2852

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R43952

<220>

<221> unsure

<222> (1)..(459)

<223> n = a or c or g or t

<400> 2852

```
tttttttttg aggtttcaac ttaacattta tttgcacact ccaggctact gctgagcccc 60
caaaacccac agcctagtaa caccaacttc actttcaagg accgcagaga tagaccaact 120
atataaatct tgtggaaaca tagtaatttg ggtgaggaaa ctatgacgct agaggccttg 180
ggatgaatat tttgcataag caaaagttca gaagcttgna aaatatagtc agcctacaaa 240
tctcaaattt cacctggata accgtaggcc cttagccacc atgccttcca gctctctcaa 300
ctcccttgcc tctagtttac tctcttcccc atttccatac actttgtagg gggagcattt 360
taggcaaagc tatttcaaaa gcgtggaaaa gtccaactga tccaatnaaa tttactcagg 420
aaatttacac taacggggtn gcttccaaat tttgaaatt
459
```

<210> 2853

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44025

<220>

<221> unsure

<222> (1)..(391)

<223> n = a or c or g or t

<400> 2853

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tttttttttt cctgagaggt aaaaatttat tgatttctat catatcagca tgttatgata 60
tggtcacgcc tgctcataca gctgacttct tagagccaaa agagaatttt ttttcctttt 120
aaaaatacat ttgttcagca ggaaaaaaca ttttaaaaac aagcattttc atattaagtg 180
gaaattaaaa acaatggctt tcccccgcc aactcatgag gantagggct ggtcagcaat 240
agatctctga gtgcttccaa tttgttttca ggctctgtc cccagtctgt tccttgtctt 300
ccacagaaaag tagttccagg gggaaaaaga aattaggaat ctcacaaaa cagcagccta 360
```

aatacagata ggaaaattaa gaggtagaca c

391

<210> 2854

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44479

<220>

<221> unsure

<222> (1) .. (422)

<223> n = a or c or g or t

<400> 2854

```
tttttttttt tcaagaggct ttttccggtt tatttctttg ggaaaggaaa acaaaaagtc 60
tttccatcac atatggtaga gatatatatt tatatatatt tatatataat tccttttgtg 120
gttggacgtc ccaaagctga gtctgttcat atttttttct ttttttttct tactaatgcc 180
ttctcttctc cctgcccctg tggcctaggc ccagggttct aggggcaggt acagtgaggg 240
gtgaatggga atggggcagt gggtcgccag gatgccctcc caccagctc agagacctgg 300
gtgagggacc acccaggaag gggctgtgca ggaggggtta ggagggccac acagaggggg 360
gcactcatgt tttttgtngg ggggatgcac agcttcattt aaacagtcac cagtcntggg 420
ga 422
```

<210> 2855

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44538

<220>

<221> unsure

<222> (1) .. (425)

<223> n = a or c or g or t

<400> 2855

```
tttttttttt ttacaatttt tattgtgata aaaacacata aaattttacc tttcacatac 60
tttgtgtgta ccgaagagta ttgttaacta taggcatatt tttatacaac aaatctcaaa 120
aagcttttcc atcttgcgtg gctgacactc aatacccatt gaacaactca ttttctctc 180
caccagcttg tgggcaaata ccgcagtact ttgttcttct gagtttgacg ttggataccc 240
catataagtg ggaaatgggg tgtatttgtc ctttcgggaa ctgggtttat ttcacttagg 300
cataacgtcc atgttgtagg catagggcag gaattttgtt tttangggct aaatggatat 360
tggcattgta tggnatataa tggcantttg ttttaccnt tcatnggtca ngggggcatt 420
tactt 425
```

<210> 2856

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44617

<220>

<221> unsure

<222> (1) .. (475)

<223> n = a or c or g or t

<400> 2856
 ttttttttttg agatggacaa atatctttat ttacagcaac agatagaaca gacctccct 60
 cccttccctt cctttccctt tccagtcttt tccatactgt tccnccctcc gccccacccc 120
 aggctctcgc ctagccctgc cctctggggt tcaactgcgt ggtaggccc ccaaaaaagc 180
 ctaggaaagg agactggaga gggctggctg agggctgggt gggcgtctct ncacattttt 240
 ctgtcctcta agcctggggt ggaggagaga ggcaggcacc aggagcagg agaggttagag 300
 agntacggcc ccaccggccc accctnccca agtaactttc acagtnttcc ccagccctgg 360
 ntgccctttg cggcccctac cccagnccctg nccctagggt tgtntctgta ggtnttcagn 420
 aattttattga acntggtaan caattaaaga tttcaagggt tttttggcca tgggg 475

<210> 2857

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44761

<400> 2857
 tttttttttt ttttttacia aaggaaaaaa ttttttgttt gaaaatcttt gctacatgtc 60
 attatttttg ccactgtaaa gcttagcaca gatgccagca atacagaaat ggccaacaag 120
 aaaacaaaac agtcaaaaat aaaaccctga aggaaaaagca aaaacaaaac cccagagca 180
 tcttctcgtc atcctccctt tccccaaaag ccctataata actgtacaat attatagtct 240
 tgatcacatt taaaaagtcg attattaaaa aacaagggtt ccattgggaa actcaacttt 300
 ttgggtttcgt aaattgtgga tataaatata tatgtatact gtaagtgtgg cacatggg 358

<210> 2858

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44793

<400> 2858
 tttttttttt catcacagta ttttaacaat taggaatttt actttatttc agaataagtt 60
 tacagttgaa aaatgattat ttactaaagc cacattattc atacagacaa aactttttata 120
 gcaaaaacctt ggtacatgag cattaataat ttgaatacta tatggatata gaagatattt 180
 aaaaaaatgga aacaatgtat tccaaaggct gtaagaggca caatatatat gcttgtactg 240
 ggccctgcaag gcattatact ataattcatt aaatatgatc c 281

<210> 2859

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R44817

<400> 2859
 tttttttttg atggtgggtg tctctaatat ttatttgtct ggttataaaa ttaatatgtg 60
 aggagcattg gatttgggtg gaacgttttg aaccctagct gtcacgtgcc acctgcggga 120
 tctagaccag tgacttctca gaactgccat ttcctcatct ggtagacagg atggtaagcc 180
 ctgtccttgc cactccacgt atgggcagtg cagatgaaat gagatcacag aggggaagca 240
 attggcaggc tggaaagtgc tgacaaatgg aaggggttgt gtcaccaccc tcagctgagg 300
 tagtaccaag gtccaagctc ctgcccctcc c 331

<210> 2860

<211> 325

<212> DNA

<213> Homo sapiens

223444.1	223444.2	223444.3	223444.4	223444.5	223444.6	223444.7	223444.8	223444.9	223445.0	223445.1	223445.2	223445.3	223445.4	223445.5	223445.6	223445.7	223445.8	223445.9	223446.0	223446.1	223446.2	223446.3	223446.4	223446.5	223446.6	223446.7	223446.8	223446.9	223447.0	223447.1	223447.2	223447.3	223447.4	223447.5	223447.6	223447.7	223447.8	223447.9	223448.0	223448.1	223448.2	223448.3	223448.4	223448.5	223448.6	223448.7	223448.8	223448.9	223449.0	223449.1	223449.2	223449.3	223449.4	223449.5	223449.6	223449.7	223449.8	223449.9	223450.0	223450.1	223450.2	223450.3	223450.4	223450.5	223450.6	223450.7	223450.8	223450.9	223451.0	223451.1	223451.2	223451.3	223451.4	223451.5	223451.6	223451.7	223451.8	223451.9	223452.0	223452.1	223452.2	223452.3	223452.4	223452.5	223452.6	223452.7	223452.8	223452.9	223453.0	223453.1	223453.2	223453.3	223453.4	223453.5	223453.6	223453.7	223453.8	223453.9	223454.0	223454.1	223454.2	223454.3	223454.4	223454.5	223454.6	223454.7	223454.8	223454.9	223455.0	223455.1	223455.2	223455.3	223455.4	223455.5	223455.6	223455.7	223455.8	223455.9	223456.0	223456.1	223456.2	223456.3	223456.4	223456.5	223456.6	223456.7	223456.8	223456.9	223457.0	223457.1	223457.2	223457.3	223457.4	223457.5	223457.6	223457.7	223457.8	223457.9	223458.0	223458.1	223458.2	223458.3	223458.4	223458.5	223458.6	223458.7	223458.8	223458.9	223459.0	223459.1	223459.2	223459.3	223459.4	223459.5	223459.6	223459.7	223459.8	223459.9	223460.0	223460.1	223460.2	223460.3	223460.4	223460.5	223460.6	223460.7	223460.8	223460.9	223461.0	223461.1	223461.2	223461.3	223461.4	223461.5	223461.6	223461.7	223461.8	223461.9	223462.0	223462.1	223462.2	223462.3	223462.4	223462.5	223462.6	223462.7	223462.8	223462.9	223463.0	223463.1	223463.2	223463.3	223463.4	223463.5	223463.6	223463.7	223463.8	223463.9	223464.0	223464.1	223464.2	223464.3	223464.4	223464.5	223464.6	223464.7	223464.8	223464.9	223465.0	223465.1	223465.2	223465.3	223465.4	223465.5	223465.6	223465.7	223465.8	223465.9	223466.0	223466.1	223466.2	223466.3	223466.4	223466.5	223466.6	223466.7	223466.8	223466.9	223467.0	223467.1	223467.2	223467.3	223467.4	223467.5	223467.6	223467.7	223467.8	223467.9	223468.0	223468.1	223468.2	223468.3	223468.4	223468.5	223468.6	223468.7	223468.8	223468.9	223469.0	223469.1	223469.2	223469.3	223469.4	223469.5	223469.6	223469.7	223469.8	223469.9	223470.0	223470.1	223470.2	223470.3	223470.4	223470.5	223470.6	223470.7	223470.8	223470.9	223471.0	223471.1	223471.2	223471.3	223471.4	223471.5	223471.6	223471.7	223471.8	223471.9	223472.0	223472.1	223472.2	223472.3	223472.4	223472.5	223472.6	223472.7	223472.8	223472.9	223473.0	223473.1	223473.2
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

 $\langle 220 \rangle$ $\langle 222 \rangle \quad (1) \dots (325)$

<400> 2860

<210> 2861

<212> DNA

 $\langle 220 \rangle$ $\langle 220 \rangle$

<222> (1) .. (235)

<400> 2861

<210> 2862

<212> DNA

<220>

<400> 2862

<210> 2863

<212> DNA

 $\langle 220 \rangle$

<220>

$\langle 222 \rangle \quad (1) \dots (417)$

<400> 2863
 tttttttttt tttttttgat gtcaatgttc tcagtttact aaattatcaa tgtggaagaa 60
 cgcatttttg agctccagac cttctaaaca ttttaaacag gctatcgaag aggatgtaac 120
 agaaccctat ttcagaaacc taaggntcag ggaggaagga aactgaccg gtttttctgg 180
 gatntttctg tgggggcaac agggatgaac aaaagaaatg ttagcatgtc agagcatatg 240
 acaagtgagg ggagacagag gtaggaagag ggttttctag ccacaaggct aatgcatttg 300
 tgttcaaaga gaagtctggg gcaaaggagg ggaaaccccc cctccccctt naaaaaacia 360
 aaacaaaaaa cccntttcaa gggacaaaag ggtttttcnt acaaccccg tttcnaaaag 420
 ttaaaa 426

<210> 2864
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45656

<220>
 <221> unsure
 <222> (1)..(319)
 <223> n = a or c or g or t

<400> 2864
 ttttttttca tggacaggat tttattaaaa ttgtacatag atctcatatt taaattaaaa 60
 aatggacttt ttttctagta tcaaaatagt tatttttaaa ataccttgaa aaactttaat 120
 acaattttta atatattaaa tattcacctg aactctcagc catttatctc ccatctctct 180
 ttgctagaat cttgccttac catcactatc attcctttgt ttttttttcc tttttgggca 240
 tctttaatgc ttatcccagg aaaaggcatt aaaaataaaa tatttttctt taaggtccac 300
 aatttaaaaa aaaaangga 319

<210> 2865
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45698

<400> 2865
 tttttttttt ttttttcatt ataaaagtca gtttattttc cctttctgtg tttcgtat 60
 tccctttttg tcagtaaag agcaatacac tgactggaaa tctgcatgat taaataacat 120
 taacaagttc ataaacacac cccatatcag agtataaagc aagaggttga aaaatatccc 180
 ctaaccgaat gccaaattag ggtatccctc aaaattgcac attctccct 229

<210> 2866
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R45994

<220>
 <221> unsure
 <222> (1)..(330)
 <223> n = a or c or g or t

<400> 2866
 tttttttttt tttggtgtgg caacgnttta attctgtggc caggctagcc gtctccaagg 60

```

cctggtggac agcacgtcac cagaggtctgc cgcagagcag gcaggggtcag cccatcatagt 120
aggagtgcag gcaaaggcgg gggctctgaa gtggctgctg gaggcaagtg accccgggct 180
gggagtnctc agtagccntc gttagcccag gtnacctcgt agtcggggta cttggctttg 240
atcttctcag ttgaaatngc gtgctgggca ggaccatagg ccttgatggt ggatcctggg 300
ggcctgaggg gccagaggg acgcancgtg
330

```

```

<210> 2867
<211> 432
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R46079

```

```

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

```

```

<400> 2867
tttttttttaa tgagtaatga attatttttaa cttttatttg attattttca tttacagttc 60
tggcactgac acttttttta aaaaaagatt ttaattttat gtaaagattg aacttcaata 120
aaataactta aaaaacattt acatgtatat cactaaatct ccataaaata tacaatactt 180
ttgatacaga cataggctag ggatgacttt gaagggaaat gggtagatat tcataatttt 240
taagaggata tcccatatat cggcttgtgg ggggaataaat acttnatatt ggaatttgnc 300
cagggacatc tggaggtatt taaatactat tattaacctg gcactccggg aaatttaaaa 360
tattacnggt ttgggaataa ccttntattt tttaaagggc cttaaaactg gtggggttgg 420
nttttatccg gg
432

```

```

<210> 2868
<211> 301
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R46337

```

```

<220>
<221> unsure
<222> (1)..(301)
<223> n = a or c or g or t

```

```

<400> 2868
ccagttccac ttttttttta tttaaataac cgaagcaaca gncgtggcac agcagagggg 60
agntgggttg gggcgtntga gaggtggcag cagtntggcc tnatgggggg antaggtcac 120
agtgaactcc ccacacgntc ntcaggttca gcagtcattg ccataggntt gggagcacta 180
cggaggagcc atcagttagt gatgtctctc caagtcccag agaccttagg gacgggagct 240
aagtcagctc cctcaagtag cagggccagg ggcattcccag tcaggggggtc acggngggcc 300
c
301

```

```

<210> 2869
<211> 422
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R48307

```

```

<220>
<221> unsure
<222> (1)..(422)

```

<223> n = a or c or g or t

<400> 2869

```
gntctagcag gaaaggagag ggagctttcc ccgaagtncc tcctggacca gccccaggct 60
cctgtgctgg tgaggccgag ggagagggat gtgggcatag gacacgtagc aggatttcca 120
tttttagaggc agccggacct gtcttcagggt cccttccttg gtgagagaca ggggtacgcc 180
agaggaagct gggcgctcgg cctctgtgca gcctcatctc ctgggaatct gagtattgaa 240
aactgggctt ttacttcgca cacctcagca cagactccca tgggaatcca gggtcacagc 300
aaagcagccc tggggccttc cattctcctt ttaaggcaag cattgacaat cctcacttca 360
ctgagttttt atttaaaact taggcaatga cctttaggaa aggcaagggc attgacctna 420
gc 422
```

<210> 2870

<211> 233

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R48447

<220>

<221> unsure

<222> (1) .. (233)

<223> n = a or c or g or t

<400> 2870

```
gatgnacaag anttttttatt gcagcattgt ttgaagtagt aaaaaacaaa cctagaaata 60
acctaaattt ctgaaacaag gaggtgagct gaataaataa tgtatccatt ctaaggatac 120
tagtatatag ctataaaaaa taagttatat ataaatggat tgancctggac agatgtccat 180
ggaaaaantg ttaaggtgaa aagngtctgt tattttaata tattacagta cgg 233
```

<210> 2871

<211> 246

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R48473

<220>

<221> unsure

<222> (1) .. (246)

<223> n = a or c or g or t

<400> 2871

```
gaaaataaag cacattttatt aaggcaaagg ccaagctggc gcttcagaac atggccaagg 60
agcgtgaagg gattgctcca ctttaccacc actcagggca cccaggcccc aggggtcctg 120
gggccacccc aggccagcag aagctatgaa gnttacgcat aagcctggct ntcccttttc 180
acgaaggcct gggaagaggc tgcccagntc ccagagggtt gggggcccant cgccggccag 240
cagccc 246
```

<210> 2872

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R48540

<220>

<221> unsure

<222> (1)..(390)
<223> n = a or c or g or t

<400> 2872
ttttttgtgc aaatatTTTT tacttnattt gtctcctttc aggagcctca cagacatatc 60
cagggaaaaa gatcggttaa taaatgcctt cagccatcgc aatgcaaaaa taaatatcaa 120
tcctccagac gcagtagcag ccncgntggc nccaaagtcc caacggccac ggctaacaat 180
tataaaagtg ttcagcgaga gtgttggcgt gagtgtgaat ggggtgtgcgc tgggggggcac 240
ggtggagcgg tgtgcaaaat cggagttgca aaccatcggg caagggcatg gagtggctac 300
ccgccgccga ctcagcgagg gcncttccc cgcacacant cacagcagag ttcgcactgg 360
ggagngttaa aaaataaaca tttacaggtc 390

<210> 2873
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R48589

<400> 2873
tcattttcca tcttttttat tttaatcatt ttgtcaaaaa atctgaacat gtgtacataa 60
atacttgatt tgttaaaaga atgtgtagca tagaaatccc tgagacacat tcaaaaatga 120
cttgacatct tgacatgtat tcaatgcaag tattcaccaa actaaatacc aaggacttgg 180
gtctcctttc ctgatatttg agggcatata aagctttaa aatatatata atatactata 240
tat 243

<210> 2874
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R48594

<220>
<221> unsure
<222> (1)..(330)
<223> n = a or c or g or t

<400> 2874
accacgggac nttttttaag tttattctag ggtgagtggg tgcccaaggg gggcagttga 60
gtatggccga ggtcacctgg tggcaggggtg ctcagggatg gccacaggtt ctatagggcc 120
ctgcagctgn aantctctag tcagttggga tgcttcacct tctgccccac cccaaggggt 180
ttgggcaatn catggatgta gtagttttcg taattcgag ggatcagtga tgggcactga 240
gcaggcttga ttctcacaca catatgcagt ggcctgggtc ttccaaccgt cggaggggtac 300
tcaggaaagg cancttgccg gacaagaagc 330

<210> 2875
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R48732

<220>
<221> unsure
<222> (1)..(273)
<223> n = a or c or g or t

<400> 2875
gaaaaaagaa atcactttta ttggcttggt tttctagcat tgctgggtgca gtggggggcct 60
gagctggggt gcagtcggca ntntcantgg gcccgtttgg gactggggtg agccatcagg 120
ccaccgtgag aaagaagcga ctaaaaggca ctctggggcc agccaagccc tgaaaggcca 180
gtggcaggan agctgggcgn gacaagctct tcccaggnga caagagggaac aaaccagggc 240
atctaagctn tgctgcctgc gccctncccc gca 273

<210> 2876
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R49035

<220>
<221> unsure
<222> (1)..(410)
<223> n = a or c or g or t

<400> 2876
tttttttttt gtcgtatatt caaatattt tagatgaatg tccagccaca gtcctctgtg 60
gatttggtgta cattcacttt ttaaaaaaat ggtttccata aaaggatttt tggtaattgc 120
ctaattttta atacagtatt tatatacaaa acccacttca aactacttac tgtacaagag 180
aaaagagaag catcagattg catgatttta gcaaataatg gaaatgtacg acacctatga 240
actttgacca cagttgggca gattaaagggt aatgtaacat cacatcantg agatcttcan 300
gacaaattta tttctatttt tccncctggc ctttgctaaa atgatgtttc tcttgggtgc 360
ttgggggaaat tttcagagga gttgttttagt atcattgcct gccaaatttt 410

<210> 2877
<211> 479
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R49047

<400> 2877
tttttttttt tttttcagtt tttatcatta tttattattt tatttttttat atcccagccc 60
tcccattgtaa gactgggtcat tttttagaat cctcagccat atcaaggata cagaaggggt 120
ctaggataga gaccaatgaa gaaatttctt tggagaattg ttaagtgtct aattcagcct 180
tcttgacaaa aggagttact accttctact ttgaaaccca gtgaaaggaa cttcaaggaa 240
gcccttcaga gagctttgaa atgtgtttcg tacaaccatt tagctgggga gccagagag 300
ggctgtgcc atgcgatctc cctgaaattg tttttttcag gccagggatg tgagaatgtt 360
tcctgaggac cagatgtgtg acactcagga gagagccggc ataaaatagc ccccagaggt 420
aaagaaaacc tcaggtttga ggctgggtac taagggttag ggaaggttta caggctttt 479

<210> 2878
<211> 360
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R49084

<220>
<221> unsure
<222> (1)..(360)
<223> n = a or c or g or t

<400> 2878

tttttttttg actttattag gnttattata aggagcagtg atgagatctt tatcagtcct 60
 nantacaaag ctttcatctc cagccttctc catagctctg tggagggcag agagttgagg 120
 gaaggaagaa tggagcttgg gagcatggga tcatgtatgt ataccaggaa agaaaacaca 180
 cattctttat tctattgctt caangacagt ttgtgagant ggangataac aagcacagct 240
 ggaccaggaa ggcagggcac acatngcagg tcaaggttcc tgctatccag ggaggtggcc 300
 cagagcttcc ctggctgctc ctggnggaag cagantccaa gctgggcccc gatgaggccc 360

<210> 2879
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49216

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 2879
 tttttttttc agaaaaagaa gtattttttt aaaaaagaga gaaaagaagg tgaggagttc 60
 agtgtaacca ggtgactact ctgaactggg gactgagtca gcctctgacg ctgagctgaa 120
 tgcccaatga caaacgtgac cagccgtgcg ngcnggggca aggccaagga cacagagggc 180
 cgaggcagng ngccaggntn tggcgcttcc agacgtttct actctctcat tttattcatg 240
 gcgacttggg aaggaaatct gtctttaatg agcaaatgta aggctgcgtt ttctttgcga 300
 agtcttccac aggattttca cggcaaaacc aatgaggaaa atgtcctttc aaagagaagg 360
 accgagtntc ccgaggaaca ttttcttgg aaaggcgcggt gcacggggccg cccttttcga 420
 gggcttcgta atgtggtttc aaagaacatt ggtt 454

<210> 2880
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49395

<220>
 <221> unsure
 <222> (1)..(444)
 <223> n = a or c or g or t

<400> 2880
 tttttttttt tttttttttt ttgcatattt ataactgttt aataaactat tcaaaattag 60
 catctaaaat aattatactt tggacacacg aaggcatata tttggngaga acattgtaat 120
 tttcattttg taaactatat attctatatt caagtaataa cacagcattg cctatacaga 180
 actgaggcct gcgctgagac ccaaaacttg tcttttctta aatgcaccac tacggggggc 240
 tantangngg tctgtccaga tgctaagacc aggggacttc aaaatctcca tcctgcggct 300
 ttacaggtct ccggggcagt taggancttt atctttcaga ggggtgggagg gggcctgaca 360
 ggnngctttt ggaaaccttt tgtggcaact cctccggggg gcacattttg ggggnctcag 420
 ttccaacca aatgcctttt ttna 444

<210> 2881
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49459

Table 1

Parameter	Value
α_0	0.001
β_0	0.001
γ_0	0.001
δ_0	0.001
ϵ_0	0.001
ζ_0	0.001
η_0	0.001
θ_0	0.001
ϕ_0	0.001
χ_0	0.001
ψ_0	0.001
ω_0	0.001
ν_0	0.001
μ_0	0.001
λ_0	0.001
κ_0	0.001
ι_0	0.001
\jmath_0	0.001
κ_0	0.001
λ_0	0.001
μ_0	0.001
ν_0	0.001
ω_0	0.001
ϕ_0	0.001
χ_0	0.001
ψ_0	0.001
θ_0	0.001
η_0	0.001
ζ_0	0.001
ϵ_0	0.001
δ_0	0.001
γ_0	0.001
β_0	0.001
α_0	0.001

425

324

395

<220>
 <221> unsure
 <222> (1) .. (445)
 <223> n = a or c or g or t

<400> 2884
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 gaatttacat ctttaatatg acataaggaa ttataaggaa tattatgaag ttaaagaata 120
 aaatataatt attgatacac taaaatccaa gattcattcc ttatttttaa aaataacaat 180
 aaacaagagt aaaaggaaac ttatttaatt tgataaggcg tatgtaccag aaatcctgta 240
 tcaaggcatc atactaatgg gtaaaatatt ttgttttaatt tgtaaacatt ttaaattgat 300
 ttaaaaatgg agagggggtt ctccntgttg gccgggntgg gtcttgaact cccgggggtt 360
 caggtgatct gcccnctcg ggccnccca aggtgcgggg gattacgggg ctggaccttg 420
 tgnccggggc ctttaacggg taaat 445

<210> 2885
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R49708

<400> 2885
 tttttttttt taatgatgtt catttattta aacgatctgt atgaatttgg tgattttgtg 60
 gatacgcccc tgacagacaa ggattcacag ccgacggaag tcaggagggc tccctgcaaa 120
 ttcttcatct ccgcggggcc tgcccagacc ctgatcctgc agagccgtgg ggctgaggta 180
 gccgcgggtt gtggtccagg gagtgcgtct ttctggatgc ggggcacctt catttcaccg 240
 tagcaaccgg gtacaaaaag tagaagcgga tttttggaaa atgagtcatt aggtcccaaa 300
 gagaacctat tgcaacatgg gactccataa cgttcttgag gatcatcctg aggaaaactga 360
 tgttctctcg ttagacaaaa atggcacgat tttgctt 397

<210> 2886
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R50008

<220>
 <221> unsure
 <222> (1) .. (392)
 <223> n = a or c or g or t

<400> 2886
 gatccccctc ccttgccctgc tctgcactcg tgggtggggc ccgtgcgcgcg tttctccttg 60
 gtagcgtgca cgggtgtgaa ctgggacact ggggagaaaag gggctttcat gtcgtttcct 120
 tcctgctcct gctgcacagc tgccaggagt gctctgcctg gagtctgcag acctcagaga 180
 ggtcccagca ctggctgtgg cttttcagggt gtaggcagggt gggctctgct tcccagattcc 240
 ctgtgagcgc ccaccctctg cgaaagaatt ttctggcttg ccctgtgact gtgcagactc 300
 tgggctcgag caaccgggg aacttcaccc tcagggggcc tcccacacct ttttccagcg 360
 agggagggtct nagttcccag ctttggggaa gg 392

<210> 2887
 <211> 497
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R50692

<220>

<221> unsure

<222> (1)..(497)

<223> n = a or c or g or t

<400> 2887

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gaagtttttg ttttaaaaaa caactggaaa gatgcagagc tactgagcct ttgccctgaa 60
tgaggagtag ggatgtcatt ctccaccaat aatgggccct cttccctgac gttgctgaag 120
gagcccaagg ctctccatgc cttctacct aagtgtttgt attttatttt aaattattta 180
ttctggagcc acagccccct tgcttatgag gttcttatgg agagtgagaa agggaaggga 240
aatagggcac catgggtccgg tggttttag ttccttcaaa gtcaggcact gggagctaga 300
ggagtctcaa gctccccctt ggaagaactg gtgccccctc cagtcctaatt ttttcttgcc 360
tgccccgcct tggggaattg cctcaccac ccaggctctg gacctgtggc aattaagggn 420
ttgttccttg gcgaagtttt tggtgggatg ttaaataatag taaaaggtn gttctgtcctt 480
tttcaaaata aaaaatt                                     497
```

<210> 2888

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R51256

<220>

<221> unsure

<222> (1)..(381)

<223> n = a or c or g or t

<400> 2888

```
ttttttttat tttttgttga atttattaat aatctttata tatatttata tatgtatggg 60
ctttgagcaa agacaaaaga aatactctaa ctcacccctg atcatacagt tgttgtaaga 120
atcagctatt ctattatctt tccagcagca gaaagaccaa tgaataatac atttctttct 180
gtacagatta aaactccata catacggggc ttcactatgt acagaggaaa agagggtcac 240
tttttcaact aggcaatggg acctttatat tacngggaat gtgaggctcat ttttttttct 300
ttaatctaag gtatatatac attcctaaca tatatggata taattttacc tgtacccttt 360
tattagntta atatataaac c                                     381
```

<210> 2889

<211> 371

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R51309

<220>

<221> unsure

<222> (1)..(371)

<223> n = a or c or g or t

<400> 2889

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tttttttttt ttaaagttaa aacacctttt atttgaagaa atattgcttc tagnactttc 60
ctgaagccag aattgttcta taaaagtatc atggaatatt atacatgatt aaaaaacaga 120
gtatgcttcc taataacttg aaatcttttt acaaagcaca ttattcatga tcataaatat 180
gtttgttctg tcatccacc gatgatacac acatcaggca agcagctaatt ttgaacatat 240
gtacagagtc tatgataaag atttaaagtt accaaaaaga ttcaggctat aacatattaa 300
attttcttta aaagagttaa cntaaacac ttaaaggana acatagttaa tctaggcact 360
tggagttatc t                                     371
```

<210> 2890
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R51831

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

<400> 2890
tttttttttt ccatTTTtaaa ttatttttatt gtatatTTaaa aaaccaaata aagcaataac 60
tttaaagacc tcacacacac acagtataaa cacctgggta aggttttntt cgtgtccatg 120
ttgacaccgg aactaccgtt aaagtgcaag ttttgTTTTg tgttcctttg tgcagtttca 180
ctcacatgta aacaagtcac ttggctatga tttgaccac gcccccccg ntagtttcgg 240
gagggcagag gctctaccgg ctgtcacagc aaccggant cacagncaag ntaatgcccc 300
gtgggtcctg accctgcaag cggggcatga cggtttcttg angcctagca gaggntgggt 360
aactttcaca tncctcccc accccgtggg tcactnttag gtttttgaga agtt 414

<210> 2891
<211> 427
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R51908

<220>
<221> unsure
<222> (1)..(427)
<223> n = a or c or g or t

<400> 2891
tgttttagaa taaaaacntt cctttaatat tgtaaggggt actgcaggta tgccatgctg 60
ccagttattn ctggggcaca aaacgcccc gtcagtcatt cggagggctg ggaaaacgca 120
taaaactcata atttcagagc aagtagaact agtatttnca gtttnctttc ttggaaattg 180
gcccgggaca tctccaacag tctacacatg tattgccatg gtacttgctc tgatgctctg 240
aatgcctcgg gaactgtgtt caatatcatg gatttggtgg gtcctctaaa aggttttgtt 300
gttaacatgg caaggcaaac agcactggaa caatattgtc taaaactatg ggctggccaa 360
ggtagtggga tnccttcatn aatggaaacc caaatTTacc aaaaacattg gcnttggttg 420
ggggttt 427

<210> 2892
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R52161

<220>
<221> unsure
<222> (1)..(456)
<223> n = a or c or g or t

<400> 2892
cagccaagag ttctctttat tccctttgat cctcccccaa ggtgagggt taggcagctg 60

```

tagaacccca ggaaagaacg gaatccaggc aatctgttta gagacccccc actccaaatt 120
tattcctttc ctttccttcc cctaagatgt ttccagggcc ctctggtgcc cacactgtcc 180
tcttccttcc anttgggggt ggggaaatcc ttctgcgag gtcaggcat ttntntacaa 240
agtggcctga atgaggccag ggccctgagaa ggagccacca gntgggagga aaggggntcc 300
aagncttgct tttaacaccc ctggcaaaac cccaccctn ccaagatttt tcacaaaagg 360
gtnaggaaat tcagggtacg gnaaccattc aatgggncaa ctttggaata tngcattttt 420
cctcagggnc tttggcagtt tccccggagg tttttt 456

```

<210> 2893

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R52649

<220>

<221> unsure

<222> (1)..(411)

<223> n = a or c or g or t

<400> 2893

```

tttttttttt gagaggttcc aatcaacatt tattgcctta ttctttttat ctcatcctt 60
tttgaatgtg tttatctcct aagattttat ctgtgatgga gatgggatgc ctgtgaatac 120
aaaagttgca gtggtggcac caggggtgggg ggggtgcggcc ggggccacca tgggtctcccc 180
tgagaggggg tgctgtctta ggtgccccaa gagggccctcg ggcagcaagc gtgggggtgct 240
gccaaaatac agctccccctg ggtgggcagg acacacgtgg cctcctggca gacagggtgcc 300
tgggtgagcc cgctgctcct gattagtcac gaatggcacc tgggtctggg cgacagtcac 360
ccgcagnaag ccctgagctg gccaccatca ccctggggca gttgcttccc g 411

```

<210> 2894

<211> 598

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R52800

<220>

<221> unsure

<222> (1)..(598)

<223> n = a or c or g or t

<400> 2894

```

tttttttttt tgcaaggtaa aaggaatgta tttttatttt natttttttt tttttnacga 60
actagatgta aacctttacg tcacaactat gtcattttca ctttctgaaa agacacggac 120
ccgggggacac agctgaaaac agtgggaggc cagatgctgg cgtcttccag gcgggaacgt 180
agccatgac actctagggc cgatgtctcc tggggctctc cggcagacaa gacagggtgca 240
ccgggtactg tgcaatccca gttttactta gagccacctc ttgtttgggg gggcattagt 300
cctcatttca tgccagattt tcaactagagg ctccctgttc ttccaaatca gttcatgagg 360
gtaagtaaca taccatattc caaagagagc tcccccaaga tgtnctggca taattcaaaa 420
aatttccgtc ccgggttcat tccnngcctt ntccgtgggc gttaatgggt ttntaggggc 480
ntttccnccg tggtgaattt gnactttggg agtaattatt gggcaggctn ccttttgggg 540
ttcttaagtn cgggacagtt tncggaggnt ccatcntgat ggggcncgag ttgcacca 598

```

<210> 2895

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R52822

<220>

<221> unsure

<222> (1)..(226)

<223> n = a or c or g or t

<400> 2895

```
tttttttagtt gtatatcata gaacctttat tattttatcct ctaaattttt tagaaactta 60
cataacgccc gtgctctagt tatgacacca tttatagaca tttaaaatgc atcttcattt 120
ataaatattt tacatttggn ccatagaaca gataatttta ctaaataata ctgtattttt 180
taaaacaggc tctgtatata ctttgaatat gtatatatta catata 226
```

<210> 2896

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R52949

<220>

<221> unsure

<222> (1)..(379)

<223> n = a or c or g or t

<400> 2896

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cacttggtat aanttttatt tgcattgtgta aaaagtgtat ataacaggaa acctcttaaa 60
ataaaaaacat agtaaagttt taggaaaaat atgaatttag aaaatgggtt gctttttcag 120
atcacaaaaa tactgatata tgtgtactaa attaccttaa actggtgagg tgtagagaa 180
acatttttca aaaaacaaaa aaagttggag gttggaggag acacaaaatn tagangantg 240
anggtactga tatatgtcac acatgtttta aaatgaccac acagggcagg antctacaaa 300
nggattcaaa ttctttaaaa ttacaggnat tgctaggagg attcccctaa tnggtgttaa 360
tgggccatac ntaacnttc 379
```

<210> 2897

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R53044

<400> 2897

```
tttttttttt tttggagtaa gtagattctg agtttattgt taagatttct ttattttacag 60
tacaagtctc caaaagttca aggcagttat cttttaata acatgtcaat catataaaat 120
agctagaacc aaagtagaga aatatataca atacattaag tactttcaat atagtggcat 180
ttttcatatt aaattaaaaa aggctactat gatttacaat gtcatttccc tagtttaaaa 240
ttcaacatgt caaaagacat aatgtacatt ttttacaaaa ctgacacagc agtattaaaa 300
ctgctaatagc ttgtagtttt tattttttct ataatacact ggcacctgtg ttaccaaaaa 360
aa 362
```

<210> 2898

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R53109

<220>

<221> unsure
<222> (1)..(322)
<223> n = a or c or g or t

<400> 2898
ttttaaaagg tcaatttttt tttatttggt ctgagaggga ggattcaccc agtggatcct 60
tttccctaca ctctcccttc cccaatatt gaggtctctt cccaactact gcctattcag 120
cattctctat ctaaccctcc ttccccttct acttcctata ctatcctacc cctggggccag 180
cagtacccca aggccaggcc ctccagctgtg ggggcgtgtg ctgagcacca agcagaggga 240
gctgagcccc gcgccanttt ctccagttct gagcaggaca cagggtacca ggggtgacat 300
cagagagctt ctgcagtgcc tc 322

<210> 2899
<211> 279
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R53891

<220>
<221> unsure
<222> (1)..(270)
<223> n = a or c or g or t

<400> 2899
tttttagctt taaatatatt ttataattnt gaatcatctt gtattctatc agataatact 60
tggaacaaaa tcttatttca atcagctcaa tctatacaag ttataagatg caacacaatg 120
taaaccctat agtctacaga atatgcacta tttataactc attactaaa gaaaagtcaa 180
tgaagattac caaataggaa acacaaagca ttctaaattt ttaaatactt ttagggtagc 240
taaccagaaa ctacagaaat aaaatatgca cgacaaaaa 279

<210> 2900
<211> 442
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R54416

<220>
<221> unsure
<222> (1)..(442)
<223> n = a or c or g or t

<400> 2900
ttttttttta atagagacaa gttctcgctg tgttgcccag gctgggtctcg aactcctagg 60
ttcaagtgat cctcctgcct tgtcctgcc aagtgtggg attacaggca tgagcgccac 120
gccagctga gattacatta ctttgagtgt ttaatttcac tatgacagga agtagcctaa 180
tacatacttt tttgtgttaa ttttctggga ttcctcctgg attttttagtc ttcgtacctg 240
agtacaacaa taaaggaaat cacttcttag gatacattaa aattacttct aaacttggcc 300
ccccacacat ggaactgttt tcagtttgct atttttaatg ggcccatggc ttattttatat 360
aggacatagg cataacactg gcttaacact ttatgggcct actgttcctc tttcttnggg 420
attatattnt taaaaagatt tt 442

<210> 2901
<211> 364
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. R54614

<220>

<221> unsure

<222> (1) .. (364)

<223> n = a or c or g or t

<400> 2901

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ccntgccaaa ctttattgtg attaaaattc cagagacagt accagctcca catacctcta 60
gccctgtctt tgccttagtt cccgagtgtc cttcaccccc atcttccaaa tcatctctgg 120
gtttcacggg gaagaaaaaa cctagggctg ctgtgaatgt gccctntcag gtccctgagg 180
ttggcccccag ggtagancnn taaggagntc aggggaagagg gccttcctgc cttgacggnn 240
nangatcctg ggnnggcaacg tttnggagca gaaagagaag tcgaggtagt gaaagggagt 300
caggccttgg gagggatgcc ccacaantcc agcagcntcg agtnttgacg attgcagagt 360
cagg                                             364
```

<210> 2902

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R54935

<220>

<221> unsure

<222> (1) .. (397)

<223> n = a or c or g or t

<400> 2902

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ataattttta tagnaaattt tattcaacat acaacatttt ccagcaaaaa ggcaatatac 60
aggaagagtt ggtgtacact gctcccacag aaacaaccca aaaaataaccg gaaaaggatg 120
aaaaataaga gtgatttgct gattctatatt tactgcactc aaaactagac acgcagctgg 180
cattagctcc aaaataaaaag gaaacggggc tgggaccgaa ataaaactac acacaatgan 240
tatcaacatc agtgaaattc acttgacagc tcacccaaca aaaagggnac ctcctcccgt 300
gggcaaattg gtacatgttc attcattnaa tattacaatt ccttttttct tttttttttc 360
ttttttaact tttttttaca aggtcggccg gcttact                                     397
```

<210> 2903

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R55470

<400> 2903

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gtggagcagg aggtttttatt gtaaagaggc cgattgtaca gagcaaagat tgttctgaca 60
cgggggggctg ggtggtggga cccagaggcc agagctgggt gaaggatgag ggggtggcatc 120
gccccatccag gcagtgggca gggcagggag gactaaacgg ctgcctccca gttcccttcc 180
ctgcccctca ttactgggta agagggagcc aggctatttc cacggatcca ggagaatata 240
gcaggagacc ctcaccaccc cacaccatgc cccaaggata cgggaggtgc cc                                     292
```

<210> 2904

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R56094

<220>
 <221> unsure
 <222> (1)..(440)
 <223> n = a or c or g or t

<400> 2904
 tttttttttt tttttttttc actttctggag tcattttattg aaaaaaaaagg gtgaaaaccc 60
 caaaccagag taaagtcaag gaacaaatat ctgctgtgcc agctgggtgc agggatagat 120
 ccactgaaga gtgggagagg aggtcagagc caccttcctc atcaccgggt tcgagcagan 180
 tagatgagtg gagagagcca tgcaaaatca gccctagna gantgagcgc ggcacccggg 240
 gaagatgcct gctgtacagt gaggagggtt ttaggggttt gagcatcccc atgagtccag 300
 tttttcacag gtagggggta cgagggtnta cctcagaggt cacgggcagc cttccacata 360
 ggggtagcag gccactgatg ttcattaccn tgggtcatttc gtttttcctt cttttttccg 420
 tcatttgcnt ttaatttttt 440

<210> 2905
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56095

<220>
 <221> unsure
 <222> (1)..(390)
 <223> n = a or c or g or t

<400> 2905
 tttttttttt tttcaaaggc aaataaaaata agttttattgg gatgtaaccc catcataaat 60
 tgaggagcat ccatacaggc aagctataaa atctggaaaa tttaaatcaa attaaattct 120
 gcttttaaaa aggtgcctta agttaaccaa gcattttgat aacacattca aatttantat 180
 ataaaaantag atgtatcctg ggagntntan tgangnaaca tgccatgtgt ataanttcag 240
 nantacgctt tttacacaan ggaactacaa aangttacaa ngacagcctt cggaaccac 300
 acttagggga aaagtgaggc cgagcagcct ttcacggcaa agcctccttc caaggagggtc 360
 tccccaanng cttccggaac cngccgggtt 390

<210> 2906
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56602

<400> 2906
 tttttttttg ctgttatgat tagatatatta ttgagcacca ggagagagtc agaacattag 60
 acttatagtg gaggagcaga actgaaccct ggcctgtgaa ataacaattt caattaaaag 120
 ctgtctggcc ctgaagaaaag agaaatgatc ctggatatag ctggtcctct gagctggcag 180
 agctgagcct ccctcgggtc ttctgggtggg caagatgcc aagttgaata gtgtctgtag 240
 ggcatgatga ccaagtccta gtgctatggg catcttccct ctgggtattta ggagaggagt 300
 accagaagcc cccggcagag gatactagga agggcccaga gccaaatcca gcagctgggc 360
 ttac 364

<210> 2907
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56678

<220>
 <221> unsure
 <222> (1)..(371)
 <223> n = a or c or g or t

<400> 2907
 gtcaaatact gttctctgaa aaatgatgtc ccaaaagtat tataatagga aaaaagcatt 60
 aaatataata aactaattta agaagtgata aagtctccag atgcagtagc tcacactgta 120
 atcacagtga ctcaggaggc tgagggtgaga ggattccttg aggccagggt tcgagaccaa 180
 ccttgggcaa catagcaaga cccatttct taaaaaaaaa aaaaaaaaaa tttaaactta 240
 gctgggtatg gtggcacatg cctatagtct cagctacttg tgaggctgag gcaggaggat 300
 tctttgagcc cagggagttt gaggttacag tgagccacaa tcacaccatn cactngcact 360
 ccagcctggg c 371

<210> 2908
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56880

<220>
 <221> unsure
 <222> (1)..(365)
 <223> n = a or c or g or t

<400> 2908
 tttttttttt cgctgggagc agatgagttt attgggcaca tccctcactg aagggttg 60
 gtttggtccc cagcagtgcc tgttctgggg ccaggcctnc cagtcgtgtg cccaggctgt 120
 ggtcctcagg aggcctgtc ttggagctca ggcacaggtc tgggtgcata ctctcgctg 180
 ggggtgctgg ccggagcctt aggcaagnct tcaccagggc ggcccagggc ttcagcagcc 240
 ctctgctccg acctcggggg ccgggtcctt cagcaggatc tggagcgccg caatgagctg 300
 gtccagggtc acctgcggtt gctgcctggg gtttccgagt gcagcaccag gaacccggtg 360
 aacag 365

<210> 2909
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R58974

<220>
 <221> unsure
 <222> (1)..(420)
 <223> n = a or c or g or t

<400> 2909
 tttttttttt ttttaacagag tctcactcca ttaccaggc tggagcaaga cttccactct 60
 caaaaaacaa aaaaaacgtt ttaagctttt ttttaacaga gtaaaatggc ctttttaaaga 120
 tatatcaatc aatcacagtg tactgccttt atttggatcc tgtttcaa atgaacaaacta 180
 tcataaaatc aatcatagga agtggtaccac tgggaagggt gttcctaaag gagggaagct 240
 atgcaaatgt ggggcaaggg gaaatgcaaa ttctcagtgc cttctggctc aattttgcct 300
 ctggaacctg gaaactgctg ttaaaaaaat aaaggactat ttttaggaat tgggggaaata 360
 agganaacaa tggacctttt ttgaaaaatt ggggggaaatt taaaccctn ttttaatagt 420

<210> 2910

<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R59093

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

<400> 2910
tttttttttt gatgtttaac gtgtgtttta ttgttggttg caccagaaaa gtcctatgttc 60
tatgttatgt cactgtacat actgtaaaca agactgcatt aatattgttt tcttatgatt 120
tggttcaatg actctagatt ttaaaaaata cattcacaaa ctaccttatg tttaaacaca 180
atgattccct tttatttctt aactgtaccc aaaatccac aataaaaaaa tcatttaaag 240
ctgtgtgttt caaacttatt acttaggaaa taaaaacaaa acaaaacata aaaacaaagn 300
tcagtttgnc aacatanntt aaggaaggct tctgggttta aaataccacg gcggcantat 360
aaggggcggg tgggncaatc acattcgggg aggtggaaat c 401

<210> 2911
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R59221

<220>
<221> unsure
<222> (1)..(383)
<223> n = a or c or g or t

<400> 2911
tttttttttag gatggggtgt ctgagtgtct atgtgagggc aaggacaaca gtgcagtcca 60
gaaacacaga aaatatgctt ttttgagct gagctctgtt ttgagatttc attttgttac 120
tggaacagcg ttaatccata ccaaagtctt tggaacactg cagatttgct ttagaggtag 180
ataaaacaga aatcatgcag ttaagtcaat tgaggaaaaa aaaagggatt tgttgtcttt 240
acagaacatc atgactaaaa gttgatcctt tgctcttggt gcacatttaa gatttttacc 300
tggtttgggn aatacccaag tcttccttgt ctctcaggna aaacacattt taanttcac 360
ctgtactaac tacagatagg agg 383

<210> 2912
<211> 536
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R59312

<220>
<221> unsure
<222> (1)..(536)
<223> n = a or c or g or t

<400> 2912
tttttttttag attcagatat ttaacgaata gtattgcatg gtacaatcat gcaggtttaa 60
aataatagca attgagtcca taggagaaga cgacattctt gcttgacaag gtaggaacaa 120
attcattata tttcaccaag actaaaatta caaagtttgg gtgtgttaaag gcaagattta 180
attgttgggg aaatttatcc gagccagcca ccacgacaaa agccaggctg accaaatcaa 240

atggattctt tacatcctcc aagtttcaga agaattcttga atatgggttag ccagaagata 300
 tggtaaattt gaccccaaac atttgcttga aggagtaagg tcttctaattg agtgaatgtc 360
 aagagatcag cacataagta atagcttatt tatccttttag gtcacatcca tctgtggaat 420
 caagcagcct tggcagtcca cntggtcagc tntctccctg gctcgaggct catgggccag 480
 gtnttttagcc gtcttagggg tttaaaagcc ctcctttttt tttgggtggt ttagag 536

<210> 2913
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R59325

<400> 2913
 tttttttttt tttttaacac aatttttgcatt cttatatatta ttatatactg tattctttata 60
 acaaacaaaa tagctacaga aaagaaaatg ttatttagaa tatcaaattg aagagaaaat 120
 atatttagta ttcattaaat ggaggtggat catcataaag gtcttcatcc tcatcgtctt 180
 cacattgaaa aggttgagga gaaggaggaa aaggagagtt ggtcttgcta tctcaaggct 240
 aatagaagca gaagaggtgg aagcggaggc agggagaggc aggtacactc aatgtaactt 300
 tacagaaata catcgtaatt tctgtctgaa tttttgcctt ctcattttct taaaaatggt 360
 tctgtataat acaaatcctt ctttcactat ttgccctagt ttcagtgcc acatccttag 420
 gaa 423

<210> 2914
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R59352

<220>
 <221> unsure
 <222> (1)..(354)
 <223> n = a or c or g or t

<400> 2914
 tctttttttt gggggcagca gttttccttt ttttaaactt aaataaattg ttacaaaata 60
 gacttttagaa aataagttac aaattntagc aaaaggctcc cttccacagg caacttnccc 120
 accggtgggg ctctgcatcc gcctctccct ggngttgcaa tctggctgct gaggggtggcg 180
 ctgagaagag cacggtgatg aggctggggg aaggaggtcc ttcaaggaca gggacgcgag 240
 gaacacccca cccctcctt gggaaagcaa gccagatctg ggtccttttc acaaggggag 300
 aggagaagat atggggatgc ccgancatt tctgcagna aaatntggga gatc 354

<210> 2915
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R59722

<220>
 <221> unsure
 <222> (1)..(268)
 <223> n = a or c or g or t

<400> 2915
 tttttttttt tctctgaagc atgtttttat ttctctgtga tttggttttc tacttttggt 60
 cacatgagct gtggctgcat ttcacacaga agctgacaca tctcgagga atgccccata 120

aaacagagcg caaacaatc acccagcagg ttcgcttcac ctgggctgtt actgctgaac 180
 tccctacttc taagagcaca ggaagagnaa catcgctttg aatctacagg ataagcgagg 240
 gtggggcgag cagcagccag gggctccc 268

<210> 2916
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60368

<220>
 <221> unsure
 <222> (1)..(418)
 <223> n = a or c or g or t

<400> 2916
 cgtgtggctt ttccggatac caggaaaaca tactgctttg atgctttccc cagcattgac 60
 aagatatcta aagtcacctc tcctgtgttg gtcattcatg gtacagagga tgaggatcatc 120
 gatttctccc atggcctagc gatgtacgag cgctgtcccc gagccgtgga gcccttttg 180
 tntgaagggg ctgggcataa tgacatagag ctttatgcac aatacctaga aagactaaaa 240
 cagttcatat ctcacgaact tcctaattcc tgaagacaac aacttgatct tacctcattt 300
 actgtgaaca gaagagtcct ctgttttgca catgctttta ctgggtagct gtaaaggctt 360
 gataaccatg gaagaagtgc ccaaccttta ggggtgttct aatcaaagag ctggatgg 418

<210> 2917
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60512

<220>
 <221> unsure
 <222> (1)..(423)
 <223> n = a or c or g or t

<400> 2917
 tttttttttt taactcttgt caaaaagatt tattaactta aaatagaagt acttcaaata 60
 cagacaaaat caactttcca ttcaagtttg aatgttcaat atacaagtat ggaaaagaaa 120
 aaaaatctga atcttcatgt tgtaatttta ttttattttt ttacctttta aaaagttttt 180
 ggcaactaaa ggttctgtaa agaataaggaa gtgacaattt aaaacacatg gaaattcttt 240
 cctaactttt aagganfaat atataanggc ctggaaggca accaaaggta tgggaatacag 300
 ctaataggaa nataaggnat ggtaattttt ttaaatttct ctctttatac atttcatcag 360
 ggggtttaaac aaaacataaa attcccttaa aatggggggg nattantcgg gtgggatttt 420
 ggg 423

<210> 2918
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60959

<220>
 <221> unsure
 <222> (1)..(459)
 <223> n = a or c or g or t

<400> 2918
 tttttttttt tcatgtgaat aaaattttaat gttgtcataa attttataac aaagttaatc 60
 tgacacattt aatnacnaca antgtgtaat atacaaatat acacaatcag acattgataa 120
 taagcagttc acaccagtga ctgtaagagt ctttacttgt gttcagccaa gccaaactgct 180
 tggatatatt ttctcccttc ttagtcgtta gttttccata cctacaataa ctatcagtgg 240
 tgatgggctt ctctgaccat gtgaataatt taatcctcaa tgcacaggat acaggaaacc 300
 cttgctggag gacagtgtgg gaggcaggag gaagggctgt tctccacttc cttccacctg 360
 gaaacacctc tggcagatgg gattnggggg agnctctggc ctaacaggcc cttggggacc 420
 taaaccactt tcagtgttgt ttccagtgga gtgttnggg 459

<210> 2919
 <211> 476
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R61297

<220>
 <221> unsure
 <222> (1) .. (476)
 <223> n = a or c or g or t

<400> 2919
 tttttttttt ttgaatcagt caatttttatt ccaattcttc acaattttaca ctcaatatgt 60
 tgtttccaaa atgtaagtca ccctttatat aatagtttta ttatttcac tttcttttag 120
 agttttttta aaatctttnc cttatgttcc ttcagtagaa gccagantct tgagttgccc 180
 agttaggagc ctctgacctg ctattgtcat taagtttctt ctcaatattc atggccaaaa 240
 tctagcttct aaaagaaagg cttttggctt tttcaatcac ttgctgatag ggtgagagta 300
 cattgttacc ataaccacat gacctaattt aggaatcaat cttgggcatc cagtcttggc 360
 atttctaata acattttaca tccacctttc aggtttcatc gggagtcatt ttcaatttgt 420
 ctgccaacat gttaatgctg atacacgggg ggntgtgacg gaagncccaa tttgga 476

<210> 2920
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R61374

<220>
 <221> unsure
 <222> (1) .. (434)
 <223> n = a or c or g or t

<400> 2920
 tttttttttt ttttttttac tttgttcttt ctttttttatt tagtcacaac acatcagttac 60
 aacagagggtc aaaccagtt cagtggagggt cgtttaacta cacctgctaa aagaataaac 120
 ctgaaaaatg atattttata gcccaaatca aattaaataa atcaaagaga aggaggcagg 180
 aaagcccttt taaataacct ggcaaccaca gttccatgca ccaaaaggaa aactcacata 240
 aaantttcca gttaaaaagaa aatatgggca gtcccgggna aattagggtta tgcattttaac 300
 agtttccact gtactacttc aattgaccac tcggcacacc atgatcactt atccatgttt 360
 aacatttgtg aatttgagga tccgtgtgat taaaaaatc tttgtgttgc tgggggctgg 420
 gtaaatgcgg gcgt 434

<210> 2921
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. R61557

<400> 2921

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tttttttttaa aatatctttt tttttctctt taaatcattt tgccattctc cagggatatat 60
cctacggggga agggtagggg acccatggcc agccctggct cctactgcca tcctcccaag 120
tgaacttagc acagagactg gggaggggtt gacccactc cagaacacca atacctcttt 180
caaacatgac agtggagtga ggatcagagg atcagcccc tcccgtttcc tgggcacaga 240
ggaaggacag ttacacttag gaaatatata tataatatat atatat 286
```

<210> 2922

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R61740

<220>

<221> unsure

<222> (1) .. (464)

<223> n = a or c or g or t

<400> 2922

```
tttttttttt tttgatgtcc agaatttatt actcctggan gaacagactc aaaacgcagg 60
tgagagccac acaggtttcc accaagacgg atggaggggg actcaggcca ggggtggagg 120
ctgcagagtg gcaccggtgg gcatgccagg cacctcaggn tttctcatcc aggcntntcc 180
tggtctntga aagggaaccag gtageccctc ccattgccaca cgtggccttc caaaggncca 240
gatatntaca gntntacaga cgtgcactcc ctgggtcccc cggcgaggtc cagggttaca 300
ggtttttaca agaccaaacc ttcacggcag gccttttcan ttgtntttca gcattcctgg 360
gaccaggggg acaggacggg anaggccttg cccatttggc cccagcagg anaaccacag 420
gcagagggtt tccacggaac ccttgaggna cattgccttt gagg 464
```

<210> 2923

<211> 356

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R62173

<400> 2923

```
gatggagaaa attttattta tgtaattttc atctgtagag atgcttctgt cctcatcttt 60
atatttgtct ccctcttctc attgaactgc aaaattcctg aaggatgaga cctgggatgt 120
ttaatgcaaa ccgtacattc tcagcagagc acaagtatca aaggacatt ggatatattt 180
taataatgat ctaacacaag caaaaataac cactgaaaat ataaaactca acaagagaca 240
taagaaaaaa gcagacagaa aacaaaaaaa attcttattt taggaatgat gctatatgta 300
acttgtaaaa tatttaagtt tttatacatg aggttatatt gggtttcctt atttaa 356
```

<210> 2924

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R62456

<400> 2924

```
tttttttttag tctttaattc acttttaata gtataaacct catttaggta gtagtattaa 60
gccacaacaa taatgccaca ttgaaacagc atttaataaa atgcataaag ctaattcatg 120
```

```

cactgcaata ctctatatac aaacacaaca atgcaaattc ttcttcaaga ctgaagacat 180
tgattagata taaaattcag tttaaaaaagg aacatgctat tttttaaatg ccatcacata 240
aacaaagtga tttcacaggg agaaggaaaag ctgtataaag ctgcagcttt caacagggtt 300
taaacctggg gcattaaaat gtaatgggca aaaccaata 339

```

```

<210> 2925
<211> 275
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R62519

```

```

<220>
<221> unsure
<222> (1) .. (275)
<223> n = a or c or g or t

```

```

<400> 2925
naggcactca atatattattg aatacatgga tgagtcttc ctcccccatc tccccctgcc 60
ctccactccc cagctccacc ttccacctgc ccttacctgc caggggctct cccccactg 120
gaagcccgcc ctccagggtn cccccaagga cctcataggg agccaggggg gcagggggccg 180
gggggagttt cccatagtnt acgagccatc ccagcccact agctggggagc agggccctgt 240
ccagntccag ccccagggtt cgccagggag tnaca 275

```

```

<210> 2926
<211> 403
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R63545

```

```

<220>
<221> unsure
<222> (1) .. (403)
<223> n = a or c or g or t

```

```

<400> 2926
gagaagagga tctggctgct ctgtttgaag cttcaatgaa actgtattaa ttgtcatttt 60
aactgaaaga attaccgctg gccattgtag tgctgagagc aagagctgat ctagctaggg 120
ctttgtcttt tcatctttgt gcataactta cctgttacca gtataggtgg gatatacatt 180
tatcttgcag gaaattcccc aaagctcaga gtccagttcc ttccataaaa caggctggac 240
aaatgaccac tatgttagac ccccagggtt cgacttcagg ggtcagtgtt cctgtcccaa 300
acccacacac gaatactctg gcctctgggt ttcattgtagg ccaaagagg caaaaaactt 360
cagtatctat tcaaaagtgg taaaattatt atttccnatg ggc 403

```

```

<210> 2927
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R63734

```

```

<220>
<221> unsure
<222> (1) .. (443)
<223> n = a or c or g or t

```

```

<400> 2927

```



```

ttttttgatt tttgcctttt natgcctaca gtaactgaga atcaacaaag taactagtct 60
gacatgaaaa atgtgggtgcc tatgatttaa gtcctgattt gagcacatct taattgggtgc 120
actattgctt ttgataatcc agatataaca acagacaagc agtaataaat gaagagactt 180
actatgtatc acacaagcaa ggtttctgaa ttacaaataa cttcaacaat gacatcaaaa 240
cctatgantt aaatcttaac tcacgcgggt ataaagttaa attctcatgt gtcttagtga 300
gaatgctatc atcaaataca ttctaaattc tttcattttt taggtgtaca aagggttatgg 360
ggnggaaagg gtaagggtgc tttttaaata aggctaccac tgactcacac acatccctac 420
acggcttcag ggcaancttt gga                                     443

```

<210> 2928

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R63925

<220>

<221> unsure

<222> (1)..(351)

<223> n = a or c or g or t

<400> 2928

```

taaaagttac agttttatct tctccatggt taatactggt aatatttgat aggggtattag 60
tatgggtgggt acgaagaact gagcctagta cttcacatga aatgcttttt gcatagtctt 120
catagggtga ataaacagaa tcatgatttt catgaatcct atctccacca atatctgttt 180
ggcaaaaaca ttcagctgga gtacagcctc caagaggact aaaagcagag gatcgaatag 240
gactaaataa accactatct tcccttgatg ccttcactgg gcgaggagaa tccggagcat 300
cacacagggt accatatggg agattctggg tttacggggg ngttgggctt t          351

```

<210> 2929

<211> 323

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64131

<220>

<221> unsure

<222> (1)..(323)

<223> n = a or c or g or t

<400> 2929

```

ataacaattt atatatatatt atttatgtat tttatatatt tataaatttt atttataaca 60
aattatttat taccaaaaaat gaataacttt ataaaaatgt aattataaat taaaataagt 120
atgtcgattt ttttctttac agtcctgaag actggaaaagt acaaagtcaa ggcgctcaca 180
tctggcgagg gccttcttgc tgtgtcatct catgttggaa gggtaggaga acacatgcac 240
atgtgcaaaa taagccaaat tcatttttat aacaaaacta tttcttccaa taatggaant 300
taattcattt atttggggca gag                                     323

```

<210> 2930

<211> 229

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64137

<220>

<221> unsure

<222> (1)..(229)

<223> n = a or c or g or t

<400> 2930

```
ctaaatattn tttagtttatt gaaataaaat ataatctata ataaaaaata ctacaggtgt 60
tattcactgg ttacagtttt aagtatatta acaaaaacag ccaacatttt aaccaacaa 120
tgacactatc tttgtggnac aataacaaac atgaaagtaa atgttgaata atactgaata 180
attctgtcag gaaatatttt atactttacc atctatgtat gccttttaa 229
```

<210> 2931

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64144

<220>

<221> unsure

<222> (1)..(446)

<223> n = a or c or g or t

<400> 2931

```
aatgtgaata tnnecatattt aatgtagttc tggatgatggc tacagtcagt agatctacca 60
gcaatttgtc cctttttttg tttcagattt taaggcagaa actcaatctc agcagctaata 120
ttcatccaat tttcttcaga aacattctcc aatttagttg agtacgcaag aaaagtgtgt 180
gaacattcac tcctgtcctc cccacataca tatataggac atacaataag gaaacataca 240
tacatatata ccctaggatt gtcaatgtat ggctgctgga aatgccngga agggttactt 300
ttcacttttaa aaataaaaatt tgggtgggatt attctgcagg ttggggggtg ggccccctggc 360
caatttttat aaatatgggt tgnggggggc ggccaccagg gttttacncg gggggctgtc 420
ctgggggggt tnccccgtng gggttt 446
```

<210> 2932

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64199

<220>

<221> unsure

<222> (1)..(479)

<223> n = a or c or g or t

<400> 2932

```
agatgaatat tttttatttt gaaatttgag aatgtcctaa gaggatgtct acaggatatg 60
aaactactgg gtgcaggaaa atttttttaa tgtagcaaa ttgtggcaag aggaaaacaa 120
acagtggaga aaactgtggt agagaaagta aagaaggggc aggagaaagc tgtaattata 180
acctgggcct gcctttgttc tcatgaagcc aggggcctct ccatatccta tacttgctct 240
tacgctaata acaaaacaaa tgctgcaaaa taaaagtaat aatgacccaa actaatttaa 300
gtcttttgtt taaggaggta aatgagagga aacatttttag cttctttaat tcaaggaggt 360
gctataattt ccagggcctt cttaatatat ttcacttacc ctaaggcatt gtgncattag 420
gcaattttta aaggggnaac caccagggtt aactttctac ngggggncca tnggcagtt 479
```

<210> 2933

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R64534

<220>

<221> unsure

<222> (1) .. (377)

<223> n = a or c or g or t

<400> 2933

```
gtcaaaatga tgtatcaatg gttctttttt agaacaagtt ttcaaagcat aaaaagaggt 60
tgagagaaat aacatattta ttgattcaca taagtatggt tttcttcatt aatcgtctgg 120
agaaacccac ttgtcattaa ttgtttttgg gctagggttt caaacttacc aaattgcttt 180
aaaaaagcaa tttggaaggt aatttgatag gctttccaac ttaaccaaat tttttattgt 240
aattcttgga tagtattttt gtctttttca attcatttgt ctttttcagt atagtttttg 300
ttaaggcaaa tgtcttcctt tgaatatcca aatattgcta ataaacgggtg gaaggatgct 360
ttgggaattt naaaatt 377
```

<210> 2934

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R65593

<220>

<221> unsure

<222> (1) .. (441)

<223> n = a or c or g or t

<400> 2934

```
actttacntt tagtttaatt ataagcagaa cactatcttc cactagtga tcaaatatgg 60
caatggaaac atttttttca tgcttaattt tggtcacaga gaaatcatgc atttgctacc 120
acaaaacctt tctatcacct gctaattgaga ttggaaattt gttctaggga gtccacggcc 180
tttgcgggga aacatgttgt attccggaag tgagctatcc agttccatgg gtcttctcaa 240
gcgaggaggaa agatcgtggg tgacatgtag gtgtataagt agggtagggg actgctggat 300
gggctatcag gtgatcccca aggaaaaaga gntccctttg gtttatcacc tttttttgcc 360
caatgcccac cggtggcaca gnctcagggg gatcttattt ntgggggaaag gtgacccttg 420
tttaggaggg ggggttaagg g 441
```

<210> 2935

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R66002

<220>

<221> unsure

<222> (1) .. (322)

<223> n = a or c or g or t

<400> 2935

```
ntntctgttt aagtcattta tttcaatata ggcattgttt taaatttgca ccttgtcttt 60
aacacatttc ataaccagag aacaggctctg agaacaagta cataaaagga ttatttgaca 120
aagttttaac aaaagtgtct acagcttatt tgtttcagat atacagaact gccagtcaca 180
aagagccact aagtgnaaat acagccacaa acttgacctg ggaagtaaaa tattttacat 240
atttacactg tacatttaaa tggggatatt ctgaaggcat tattattatc aataaactct 300
aaggcaggag gttctcttaa ac 322
```

<210> 2936

<211> 264
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R66469

<220>
<221> unsure
<222> (1)..(264)
<223> n = a or c or g or t

<400> 2936
tttttttttt tcagcaagtc cagagcagtt ttaatggggg tggaggctgt acaaagagca 60
aggccactg aagcggggga aagccaggcc gtgctgcccc cggcccaggt atggggcctt 120
ggcatggacg cccttcctcc acctncagca agagaaagag taagcccttg gggaggaagg 180
aggggaaacc agctgagccc caaatcctgg tctctgtcca agccangccc caggacanag 240
ggggactnat ggtntcaggt tggg 264

<210> 2937
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R66475

<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

<400> 2937
gggagttgag aagaggagga agaataatgg gaggagacag gacctttttc aacttgacaa 60
atagatttct gagagagcag acaccatctt atttctgttg aattgtattt agtaactcaa 120
aaggcatata ccaagctgtc agaagcagct tcatttaaaa gaaataaaat ttctagtcct 180
gcctgaagtt taagctagcc catgactaca caagtgaac tgtatttccc gggtaggatg 240
ccggtaggat tngggcccag taagtttgtg ccntttggga tgttgaaagg gaaggagatg 300
cggggcaact tttttgggtc atcttcttta aaggaaaagn ccatttgtcc nggggggt 357

<210> 2938
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R67751

<220>
<221> unsure
<222> (1)..(394)
<223> n = a or c or g or t

<400> 2938
gaatactttt ttcatagtta tttgttttaa aagattttaa aatcattgca ctttggtcag 60
anaaataata aatatacttt ataaatnttt gattcccttc cttgctattt ttattcagta 120
gatttttggt tggcatcatg ttgaagcacc gaaagataaa tgatttttaa aaggctatag 180
agtccaaagg aatattcttt tacaccaatt cttcctttta aaatctctga ggaatttggt 240
ttcgcccttac ttttttttct tctgtcacia tggctaagtg ggtatccgag gttcttaata 300
tgaggatttt aaaatcttna aaatgtttct tattttncag gcacttacia gcatttgggt 360
acacaggggt ccaantaggg gccaaattaa tttt 394

<210> 2939
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R67970

<220>
 <221> unsure
 <222> (1)..(388)
 <223> n = a or c or g or t

<400> 2939
 aaaantttat ttgctttatt tccttggttc ctctaagttg taatctcgga gttaaaaaaca 60
 gcttttagaac cccgcccccc caaaaaaaaa aaaaaacttt tgagaatttt tttcaaataa 120
 atgtccattg catagaatgg gtctgtgact ggctgcttct acatctgcac ccaacatctg 180
 gcccccttca gaactctgag tggacaggat caggatttga ctcaggagga ttagaatgtg 240
 aagaatccgt gtttgaggga ttcagttctc caactgcctc aaaggggtctc aagtttgcac 300
 aagggtcacct cctggggcca gctgctccgg ggggaagggaac gggcctaata tcagatttgc 360
 gaagtgaggg tacaagtnat cagggagg 388

<210> 2940
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R69031

<220>
 <221> unsure
 <222> (1)..(437)
 <223> n = a or c or g or t

<400> 2940
 tagatatatt taaaggagaa tatttaatga tataggaaca atacatatta ttatagattg 60
 ataataaaaa gcaggtcatg gccacgcct gtaatcctag cactttggga ggccaagggg 120
 cgggtgaggg gggggcagat cacatgagtt caggagtctg agaccagcct gaccaacatg 180
 gtgaaaccct gtttctatta aaaatacaaa aaaattagcc aggtgtggta gtgggcacct 240
 gtaatccag ctacttggga ggctgaggca gcagaatcgc ttgaatccag ggaggcagag 300
 gttgcggtga gccaaagntcg cgccattgca ctccagcctg gggcaacaac agtggtcacc 360
 cttgagggna aaaggcctat gtattaacct ggaagtttac taccacacag gttaaggcac 420
 cccctccca cacacac 437

<210> 2941
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R69417

<220>
 <221> unsure
 <222> (1)..(350)
 <223> n = a or c or g or t

<400> 2941
 ttttgtgggg ggggcaacta aacaaacaca aagtattctg tgtcaggtat tgggctggac 60

```

agggcagttg tgtgttgggg tgggtttttt ctctattttt ttgtttggtt cttgtttttt 120
aataatgttt acaatctgcc tcaatcactc tgtcttttat aaagattcca cctccagtcc 180
tctctcctcc cccctactca ggcccttgag gctaattagg agatgcttga agaactcaac 240
aaaatcccaa tccaagtcaa actttgcaca ttttatatt tatattcaga aaagaaacat 300
ttcagtaatt tataaataaa ggggcactat tttttaatga aaanaatttg 350

```

```

<210> 2942
<211> 385
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R69700

```

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<220>
<221> unsure
<222> (1)..(385)
<223> n = a or c or g or t

```

```

<400> 2942
tgtggagctg aaggcacagt ctgccccacc cccacctccc cactgtgggt agtcagaggc 60
atcctgctcc aagctctgct tttccttccct ctgaaacaat gccattcttg cttctattgc 120
tacacatctc cttctggctc aggtgaaatc catgcccttc tgcttataga cctaaagtgc 180
aggtacttat tattggctat tgatcttgaa tttgccctct cctagtgtgc cagtccact 240
tcaaagccat tttctgagga ggatgggtta ggtctggcaa ttgtccttga aaaatcccac 300
ccatgttgta ccaccttggn gagtcatatg ccactcatca gcttggggaa tgatgggtgc 360
caactcccaa tcttcccagg gaggt 385

```

```

<210> 2943
<211> 457
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R70005

```

```

<220>
<221> unsure
<222> (1)..(457)
<223> n = a or c or g or t

```

```

<400> 2943
gttgtncatt tcttgtactt tatttttctc aaatattttt acttatgctt tttgtcatta 60
tccacagtgt ttttttttna aagcctgagc cactttgtgg ttttagcctc aatataataa 120
tcatcccctt actcttagac taattccttt tcccctgtca ctttgccctg atactctgta 180
aaaatgagga ccttagaaaa tcaacatttc ctgtgaactt gagagactat acaagcagtg 240
cccaaatcag taggattagg caggtaaaac cagttgggat aggcagatat attatganct 300
gttggacaaa ggtatagttg tgtgcatgtc tacaagggtc atcgtgattc gccattaggc 360
ttaaggggtc ttaggggttg accgggggtga ggtagggtta tccacagggt tgnnttaaat 420
tgtggnaggg ggntgcagtt ttacattttc ntgattt 457

```

```

<210> 2944
<211> 443
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R70253

```

```

<220>
<221> unsure

```

<222> (1)..(443)
<223> n = a or c or g or t

<400> 2944
cgtctctataa atttataaga tttctctggg gagggatttg acgtatccat gccccacctc 60
tttctacatt tatgggattg agctctccac cagccaccca tgggctgatg tcttttggaa 120
atggatctag taccaacaga gtcagaaaaa gagatggggg ccaatgggct acagttgggt 180
ggtgggtcctg ggatacacag cacagtggcc tctactgggg gatggcagct ttccaggaga 240
agagtcgcaa gcttgccctgt gggacttntg tcttgtggag aggacagggc tgcctcagct 300
tgggngagac agacagagtt ttccgggtcc cttttttccg ccgcagcatt gaagtttttg 360
ggggggctact tggactcatg gcatagaaga cttnggcatt tntcagggat cangggcacc 420
cgttcccagg gaggtcttga aag 443

<210> 2945
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R70319

<220>
<221> unsure
<222> (1)..(386)
<223> n = a or c or g or t

<400> 2945
atggaaaaac aggatattgt ttattttaag gtaggcattg gctcagtgga ttcacatcca 60
aaaagctgag cattgaacaa agactgagca ggatttttat aagcaggctt acagaagcaa 120
aacaggcagt taatcatata atgacaggtc acataatcta tagcataact gatgacttgg 180
cataacttgt ggctttgcat agctgggtggc cttgtagctg cgtggaaaga aaaaacaaga 240
actgggctaaa tacagacaga catttgtcct tttttttttt tccttcaccc ttgctccaga 300
cgggggatgt ctggngccta ttcennttgg ttcgacttct cgaagagcat tatcttataa 360
ttgtctttga agtgagcttg ctaggc 386

<210> 2946
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R70532

<400> 2946
ctttttaatg tctgaaggtc tatggggact gtctcctagg atcttttgcac gtctgttgaa 60
acaaggcagc tggggaacag tacttgtgct actgagtcca taggctcacc tggtatttgc 120
ctgggggagcc agggggggtaa attcccgaa cagcattgct tctcctgcgg gctgtttcct 180
tggcaacact gtggttttagc cgtctcagtc gttcctgagc attctgtag 229

<210> 2947
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R70790

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

<210> 2951
<211> 284
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R71395

<220>
<221> unsure
<222> (1)..(284)
<223> n = a or c or g or t

<400> 2951
tggaaaaaan nacaacttta ttttcagtca tttctatttc cttgggttatg aacaaaggta 60
gcaaagtgcg gttgtatcag cagtgccaat agaaattaca gagtttttca tatcccttta 120
cagtttgcca caggtatctt aaaatattgt ttacactcat ctctcttcag tttaccattg 180
tttaataggc ctaccctcga tctttttatt caatatgtta ataaagaaac ctatacacat 240
agtatcacgt tatacathtt aaaantnttt tgacaactgt atat 284

<210> 2952
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R71459

<220>
<221> unsure
<222> (1)..(551)
<223> n = a or c or g or t

<400> 2952
gttcataacc aacaatataa accgtgggtct catgtaacac ataaacaatt catgcctttc 60
atagtttatt attattaaag tctaaacaaa attgcaattt cttaggtaac cttatattta 120
caataaatga agattaccct caaatgctag aagctgtcta ggtccgtccg gtgtgtcaga 180
ttttcctcag attagatgtg ccaataacca agtttattca gtaaacact tgtacttggt 240
tcatctgggt ttattactct caccataaaa cagtaatgac tctctgaccc tctggaaata 300
tgtaatgctt ccaatcttgc tttgtgtatc tcatttaatt tgttataagg tagtactgat 360
tttagcatat taatgcgatt tcttcctnct tgtttgcttt ggnctgtgtt caatccngag 420
ggccttaaat tgtccattat tttggggagg aaaaccgta tttttgtag gttacatatt 480
atggaaattt cacttcaggg ggaactgctg ggctnccgtg gcttggtttc ntaggtactt 540
ttccgtgccc g 551

<210> 2953
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R71491

<400> 2953
cattctcagt ttacatttat tgagtgtcga ctgtgtgcca ggaagtaagc caggtgctag 60
aaacggcaaa ggagcaggga agaggcgggt cagccgctgg gttgaccctg gttataacag 120
ggtacggatt aacccttcag gctcccttcc gagggcctgg gcgggggtctt ggggccgctc 180
ctgcccaggg tggtctttcc agcaatggaa agggattcag cgaggtaaga cgcttccctc 240
ctcctccatt cagagagcgg cacacaagaa atctacacag tcttccaac atgtacacac 300
cctgacatgc ccggatgcat ctacactta ggataaacac acacggacac agtcagaggc 360
acgggtccgc agctgtattg aggggtgcggg ttacaggtgc tgctacgtg accgtg 416

<210> 2954
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R72087

<220>
<221> unsure
<222> (1)..(368)
<223> n = a or c or g or t

<400> 2954
caagggctgg aattnaaatt attgtcacag agcacaggag agaccgcttg ggtctcaatg 60
aaggtttgc tttcctcttc tccaggggaa gctactgcaa gaaggccac cagccaggct 120
agggtcaaag ggggtggggc cacaacatga tagttaaac cataaacaca gacttgattc 180
gntcccagct tcacgacttc ttagctgtgt gaccttaggt aagtctgtta acctctctca 240
gccttggctt tgtggagtgg agtgaagagc agggcctgct tctactgggt nttatcagga 300
tggaggggga caaggcctnt gaaagtnttt agcacagcgc ctgggcagat cgtgaccagt 360
cacggagt 368

<210> 2955
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R72886

<220>
<221> unsure
<222> (1)..(355)
<223> n = a or c or g or t

<400> 2955
aagaganntn attttattga tatttaata tattaaatat ttcactgaaa tacanggntc 60
accancncc cccaccccca cagtggntac attataaaac caaagccan gggctcccac 120
ctcctgactc ctctaccaac tgggtgagga aagggaacaat ggtagcccag gggaagggca 180
tggctggcac tgtggtacgg ggatccaggg tntggacang cctcccacc tgggnaagaa 240
gcagagacaa gccacccaag gctgaggtnt tcccactctg atctacttat accctcaccc 300
ctaccccatg ggcaccaagt aggtctcttc ctatcccttc ctatccgggg atatg 355

<210> 2956
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R73468

<220>
<221> unsure
<222> (1)..(439)
<223> n = a or c or g or t

<400> 2956
ttttattgct tggatatnant tattgacaag ttcaaattta atgacatggt acagtttcat 60
ttgaacagtg tattactgta ttaaagtata gcatcatagc taaaagaata ggctctagat 120
tcagaccggc tgaatttgaa tcctagatct gccacttaca tgaacctggc caagtaattt 180

```

aatctcccta ggctcgatt attcccatct gtcaaaaaga aatattaaat ggtacttata 240
tcatagtatt gtaatggaga ttgagctaag gcatcaaagg tgcttaaaac aaggaatgcc 300
acataattct tcaggaaata tatgtaattg ttattattta tcaccagttt ctagtgccca 360
atactaggaa tgtgtctggg gnttcaaaga taggtgcgag ggancatgtt aaagtgtatg 420
cntgccatac aagtntgtc
439

```

```

<210> 2957
<211> 448
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R73485

```

```

<220>
<221> unsure
<222> (1)..(448)
<223> n = a or c or g or t

```

```

<400> 2957
ggcatggtcc tangntatatt tcagacattc tcgcttcaca gaaagaaaca ggggtgagggg 60
ctcaagagag aggtcgccca agggagaagc acgggaacgc tgaactggcc gaggggcttn 120
tcctcatcct caggggtagg gggaagcccc catctgccag tctggctgga agggaataga 180
tatagagcag aggccctgag tggaaggtga canttaacca aacagccaag gccaaggaga 240
ggagggggccc taaggcttag agaggccctn aggaccaacc ttgctctgcc atctgacctt 300
gcccttntag gcctcctntg aactcccaaa atntgaccta tgccatcacc gaggccgcag 360
gaacaagagg tgggtntcca tgacattggt acctttcatc cctnttttca gcagggttttc 420
cccaccctgg gngcagcaga agaaggtt
448

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```

<210> 2958
<211> 469
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R73565

```

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<220>
<221> unsure
<222> (1)..(469)
<223> n = a or c or g or t

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<400> 2958
tcacgtttta anattttaca aatgcctctt acccatctgg ccaggnacca actctgaagg 60
gggtgacctc aaccagccc ttgtttctgt gaggtcctgc ttttgcagaa tggcctgccc 120
ctgggactgg agcagacttg ggtgagctct aggtggaggg tgggtggagg ggcataaaaa 180
taaaccttcc tctccatcag aaggaacctg tgatcccagc ttttccttca gtcaccacca 240
cctcgtgaca ctagaaagcc taccgtcaca gatttcagc ttactcaaac ccacagggtt 300
ggggtcaaat gcatgttaac ctaatttggg ggaaaaaaga ctcaatnttg aaagcctgag 360
gcaaagttaa gggttacaca ggacagtgtc aagtatatgg ccatacttca taccnggggt 420
tttccctaag gcaagaacta ttagttttcc tttttaaaagt gtagcttt
469

```

```

<210> 2959
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R73569

```

```

<220>

```

<221> unsure
 <222> (1)..(290)
 <223> n = a or c or g or t

<400> 2959
 ntttcatcat aattanagtn tttattatta tttgctatca cagagtagtg tacaactaac 60
 agaacaatta tattgggtaa gctgcacgaa aaacaattga agagggaaaa ataatatctc 120
 cntatatatg taattgattt gtactatgca ctaataaagc ctgccttaaa tttctgttct 180
 agtttaaacc ccgaaacagt accaggcaag gttagtggct attgaaaata tcattaagga 240
 cagggttatc taaagacaca ctggatacta cattantttt gcaaaantaa 290

<210> 2960
 <211> 314
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R73816

<220>
 <221> unsure
 <222> (1)..(314)
 <223> n = a or c or g or t

<400> 2960
 acctgcaaat caaggtaatc gaaccaagtg cctacatcag acatgatagg caaagaccag 60
 atctgagggg tcagaaaaaca ctgacaacaa tgatcagagc taccacttta aagtaggaaa 120
 gaaggtagac aagcaggatg ccaatcaaag ttctgttaca gactttcctg aacantcgaa 180
 acgtatctag ctgacggcag cttgtcttgt ttcccttttg aaaatgggtc tttccttggtg 240
 tcattccatt ttgatgtatg tgagcaaagn ttgcttgtat gaagntcaga caccttttgt 300
 gttaacacta ccaa 314

<210> 2961
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R76363

<220>
 <221> unsure
 <222> (1)..(385)
 <223> n = a or c or g or t

<400> 2961
 cttatctcag gaaaggaaaa tatgcatggt tggtgagaat ctaataacat taaaatgctg 60
 gggcaagatg cagtacaaag ttgaagagac tttattctca ataagttgat ttactgatga 120
 tatgtcatat gatgcaaaaa aggtttttgtg tcattaactg aaaagtagca gcttctctat 180
 ccagggatga tgagtcaaca gggtttcacta atatttgtca tgctgtagca tttgtaagat 240
 ttgtaaatga tgaaattcaa agaaaacttt ttctattgct aggggcctgc cagaacaaag 300
 gccaatatat aatgtttgtga catcatatct gattaccng aggtctgggt ntctacantc 360
 cgggggcccc cttccggtgg ttttc 385

<210> 2962
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R76782

<400> 2962
ctgtgcagtc tttatattatg ctgactcagt gacttcaaca ggcttaatca tgtggtcagg 60
tttgttgcca gctgcataat gctccacat ctgtagatag agccgctcta gttccattgt 120
gtattgtttg gtgttgaaca gagggctaga tattctttgc ttccagactt tgccacgaaa 180
tttcttcagg tattctagat cagttcccag ctccacagct atgtcttcat attcttgtct 240
gttttttagca ataagctcaa gacaacctaa ggcaagttag ctgggggatgc tgcaactcga 300
ggaaggcaag gagtctctcc tgggcatagg tcaccatggg ggggtccctg cccaggaggg 360
acatccatcc ctgtgggtgt gccccttaca gagtggga 398

<210> 2963
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R77451

<220>
<221> unsure
<222> (1)..(389)
<223> n = a or c or g or t

<400> 2963
aattaatata cataatgtat agtagttcat ataatttatt aatggcattt nctataggac 60
actgtaatta attcagtgac atcaatattg acctcataca gacaaaagat gaaagctggg 120
ttttctcgtg taccaagtac aaaacatgtg ctaaaaaagt aacatacaca gttgtaagag 180
nncaacgtcg ggntgactca ngtttntagt agttgcttca cacggttttc caagacttgg 240
ntgccaccca gtgttgccgt gtttgtgcaa atgccagctc tgggncggcc tgactacctc 300
cttttgccag cccactttt gcctgtttta ctgctgccgc tgctaggatt tgccagatgn 360
ttttgaagng aagagtcttg tcatgnact 389

<210> 2964
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R77539

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

<400> 2964
taagggtgga ctagtaataa aatataatat tcttgctgct tatgcantgg acattgttgc 60
cctccctaaa gcaaccaagt agcctttatt tcccacagtg aaagaaaacg ctggcctatc 120
agttacatta caaaaggcag atttcaagag gattgagtaa gtagttggat ggctttcata 180
aaaacaagaa ttcaagaaga ggattcatgc tttaagaaac atttggtata cattcctcac 240
aaattatacc tggggataaa aactatgtag gcagggcagt gtgttttctc tccatgtctc 300
tctggcacta cctgncagtg tgttctctc gagggctggc aagtctgttc ctattctgaa 360
tttcccaggc aggaaggcac taaggaaggt tcccaacctn t 401

<210> 2965
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R77628

<220>
 <221> unsure
 <222> (1)..(435)
 <223> n = a or c or g or t

<400> 2965
 agtgaaagtg gcttgattaa aagactcctt ttaaattggaa gccaccagtc agcagaatgg 60
 aagcttagag gaacttgccct gtgagcgctg gtcttttgtgt ttggttttgt gatgtaacga 120
 tctttgctgg gggttttttgc tttgttttga gggaaatgtc ttggagtaaa ttttaagtcc 180
 cngnggttaa tttgtttttac aggaattttg ttttttaaaa aaataggatc attctgaact 240
 ttggaatggc ccccttatat attttctgaa aatgaaaaca gttacatgaa aaaaatttcc 300
 aatgaaggat gtcagcattt tatggaaaaa ccagaagtta ttaggatgaa agcagcgagt 360
 gaatcctttt aaaaccagac tttgatccac gnacacacat taagnctttt ntctccgaaa 420
 cccggagtaa ntcca 435

<210> 2966
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R77631

<220>
 <221> unsure
 <222> (1)..(429)
 <223> n = a or c or g or t

<400> 2966
 tatttttcta gagatggggg agacaaacgg taaacagatg tttcctttcc gatagtgaca 60
 ggtgctgggg ggaaactaga ctggctggcg ggggtggggc agccctgcag gagctgaatg 120
 aggagaggct gcagagggag gggctggtac ctgaggggct gtttgtgaga attagctggg 180
 tcggtggaga agcagaggaa cacctgaggg gctccaggag aagcaggtag ggagaagagg 240
 ttttctgagg ggtngaggca ggggtcatac atgctggggc ttcaagggcc atgatatggg 300
 tatcattact atgtaataaa ccaccccaaa tgcagtggct taaacaacta cttatttctc 360
 atgattatat gctgggctgc cngggtncac aactgtgccc gtnttttaac aaccttcttt 420
 tcagangtt 429

<210> 2967
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R78713

<220>
 <221> unsure
 <222> (1)..(325)
 <223> n = a or c or g or t

<400> 2967
 ccccatgtta gccaggctgg tcacgaactc ctgacctcaa gtgatccgcc tgcctcagcc 60
 tcccaaagtg gcagaattac aggcattgag cgcttggtgc cggctgagat tttacatttt 120
 tttaatggct ggaaacataa ttcaaaacaa taatatttca cgacacatga ccatcacatg 180
 aaattcaaat ttcagtgtcc ataataangt tgtattgang cacagtgaca ctcctttgtt 240
 tacatactag ctacagacac tttcatactc acagcaaagc ttactagttn ttangagacc 300
 atatgtccca caangcattt acaaa 325

<210> 2968

<211> 433
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. R79246

<220>

<221> unsure

<222> (1)..(433)

<223> n = a or c or g or t

<400> 2968

```
ctgggacaat taaantttat ttttcatata tatatatatn nccatatata tatatacatn 60
catatatang ggaaacaatt tgcaaattta cacacctgac aaaaccatat atacacacat 120
atgtatgcat acacacagac agacacacac acccgaggct gctngccagg cccgttttcc 180
anccctaagt accattctct catttgggccc cttctagggt tggggccctg agcttggttt 240
gtagaagttt ggtgctaata taaccatagc tttaatcccc atgaaggaca gtgtagacct 300
catcttttga tgctccccgc tgcttttcag ttttacgtga tccatcaaga gggctatggg 360
gagccaagtg aacacggggg gnttgaggct aattcacctg gaactcgaaa acagcgccca 420
gttttcttna ccg                                     433
```

<210> 2969

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R79580

<220>

<221> unsure

<222> (1)..(430)

<223> n = a or c or g or t

<400> 2969

```
ctcaanttta cagtttatta cagtgaaggg ataaagatta aaatcagcaa tgaagaaagg 60
cacataaggt aagggtccaag agaacttcca attatcctct cctggcagag tcttcaggat 120
aatgcttaat tctcccagca atgatgtgtg gctacaatga tgtgtgcaca gagtattacc 180
aaccagagta gctcacccat gcctagggtg tccaggggct tactaggggn ttgatcacat 240
tgggcatgct tcaactgcca catgggctaa cttagggtct ctcaggcttg accttgga 300
gggtcaagct ggaattactg catgggcccc aaggccccac agggtaaaca aaaacactct 360
tnttcagggg caaggatatt tcttaatggg cttaggaggg tttttcttcc cgggggngcc 420
cggggnaggg                                     430
```

<210> 2970

<211> 227

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R79750

<400> 2970

```
ctggaagact cttgaacttg tgaactgatg tgaaatgcag aatctctttt gagtctttgc 60
tgtttggaag attgaaaaat attgttcagc atgggtgacc accagaaagt aatcttaagc 120
catctagatg tcacaattga aacaaactgg ggagttgggt gctattgtaa aataaaaatat 180
actgttttga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaa 227
```

<210> 2971

<211> 359

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R80048

<220>
<221> unsure
<222> (1)..(359)
<223> n = a or c or g or t

<400> 2971
tatgtacata tattgtctgt ccatatgtat ttgtaaatag gttgtatata atgtcagggt 60
tgggtcttgg gttcaagtgt atatattcct gtaagtttct taactgcatt ttgatgaatt 120
cacattatgt aactataaga attgtcccaa aagtacctgt acagaaaatt gaatattgaa 180
aaattgacaa attgtgtaca aacactaaaa aaaacttggt taaattgtat ttgcaataaa 240
caacatcaaa ttttttcatg gaaatcttgg gtacaaattc aggtgctctt atttaaaaat 300
tttaaaataag gggnttacat tttccaaaat ggcgggtatcc aaatgtggat cntgggtgtt 359

<210> 2972
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R80573

<220>
<221> unsure
<222> (1)..(406)
<223> n = a or c or g or t

<400> 2972
caacccttga atatcagatg aagagaaaaac ttgactccaa catcttacca caactctggt 60
ttcttcctgc agaattcatt ttcagaggaa aatgatgaat catccctgtc tgtgaaccac 120
tgtgctttcc ttgaggggtg cattgttagt tgacaccagc aaagactcag agtgacttga 180
gcattggaga tccttctact tggctgctgt attcatgcat tatgttggtt tgagaatagc 240
tagtgatttg atccaagtag tcaaagtgtc ttaaaaggac acctatttgt ccttttgagc 300
cccagctgga gtngaatact ggatagtggg actaggaaaa gcatagtcca aggaaaagtg 360
gaccacacctt gtttanttgg accaggcagt tntagctgga ggaggt 406

<210> 2973
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R82074

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

<400> 2973
ttttntang aaatgacaag taccgtttat tgtcgttaca caaatgaacc cagcctctgg 60
cttgggcacc gtcccacgga ccagcagatg agcatggtca gccgaccctt ttccccaccc 120
ccgagtcatg tgcagtcata cantccaggg agaaagtgcg agtntcgant accggacaca 180
ggttcccttg gnttggtggn gcatctntga tccacagant ggcccacctn tcggagtggc 240
caacggagtc gntgaaacgt tgtcaaataa gncaagtaag tgcaggagcc ctggggntgg 300
ggggcctntg gcttntgnca gccgggtggg gaggaggat ntccaagggt tctgcggggt 360

agggcctcgg cttccanacc tc

382

<210> 2974

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R82229

<220>

<221> unsure

<222> (1) .. (466)

<223> n = a or c or g or t

<400> 2974

```
gaagagcctg cattcctgac cgaaccttca gttggtctcg gttgtcgttt tttcttgctg 60
ctcctcccc catcacctga gctgttttct gttggccctt tttgtttttt ggccttaacg 120
ctcctgctgc acagggtgag gtgcctcctt ggcacagact gtggatgcct ctccccccagc 180
agagccacac agccttcgtg acaactgctt tccgttccca cattcacctc atcctgctct 240
ttagaaaaag cagtctttgt gcttggtggc gaacgcatca ccctgggact ctgctagtgt 300
cttcttgagg aactgatgg aactggatt taatgataac agacctttgg cagggacctg 360
gatggagttg accctttttg ggagctgggc cagggctctc tggcaggcag ggcaaggacc 420
aattcantca ttggaacctg gcntcatggg naccagagtt gaacan 466
```

<210> 2975

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R82837

<220>

<221> unsure

<222> (1) .. (429)

<223> n = a or c or g or t

<400> 2975

```
agttnatnaa taaactgtat tattacttgc agtcacgcac atctaggcaa gatgtacaat 60
gtgatacttg acaaaattca gtctgatcat ccaataactc acaaatgcaa gctcacaaaa 120
cattaatgaa ttatgcaatt gcaaagtgt ctaatgcaac attaaccaca tgcaatcaac 180
aatTTgggna cagtatccaa acagacatta tacgttaaac gtttagtttt caaggaaaga 240
aagcagcttg aagtttactg ggtgcaaatt aatTTtggtc ttcagatttg ggngccccca 300
aaca aaaagg ttaggnttg gattatggaa ttctgatggg tgggtgggcc cgngggttat 360
ggggggggna gccggccgga aactTTtggg gggngtttct tccaaaatta ggnccctttn 420
cccgnccg 429
```

<210> 2976

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R85266

<220>

<221> unsure

<222> (1) .. (427)

<223> n = a or c or g or t

099407-06450

gtntagaccc cgggcttggt gagccgcccc cagccgtcac ccagctgat gatgccgtag 180
aggtaagcca cgccgttctt ctgcgaggcc agggggcccc tgagtcccc tggcaggcgt 240
cggacttgca gtcgaagtag ccggcacaga gcatnttggg gctgatgttc ggcgccgtag 300
acctcagggc tntctgactt gtggggtcggc gaccaggggg gaccagggnt ttccc 355

<210> 2980
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R91060

<220>
<221> unsure
<222> (1)..(318)
<223> n = a or c or g or t

<400> 2980
ttgtcttaga aatctatagg aatttttaat gtatatntnc nanaccagtn cantctttac 60
atgtttagt aggtagcctc taaactggct cccaatganc ctcaccctcc tgggggggtgc 120
cttgtaaaaa ctccccttga atgtaagctg gagttattgc cttgcttcta acaaaaagaa 180
tatgggcaga agtgatgggg tgccacttcc aagactaaaa tactgtgggt tnccatcttg 240
gggtgtttnc tctnactccc ttctaggaaa ggccagctct gagggggccg ctaacatccn 300
cagggggggg gccccaaag 318

<210> 2981
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R91503

<220>
<221> unsure
<222> (1)..(386)
<223> n = a or c or g or t

<400> 2981
acatttattt tcttaacctg ggtagtaggt tcatgggtgt tcacttatcc ttttttaaaa 60
cgtacatttt atacacactt ttgtatgtat tctgtatttt ataaaaaata aaattaaata 120
agaaattatt cttatagtcc ttttctaacc catggggcct tctgctagaa ttttgtgctg 180
ttcacattct caatgccagc ttcccttagcc ataaagtaaa aggggtccagg ggatttgtag 240
gcagttcttc agggctgccg cactctataa tcttcccggt gtctagggnc cattaccttg 300
tcactgtcca tgatgggngt gcagcctgtg ggggggnatgg gngatcactg tgncagtggg 360
gcgaactcgt tttgggatgg gncgtc 386

<210> 2982
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R91753

<400> 2982
tagtttggcc actccctaga ttcttggttt accagcttat aaagagtaca cctaagaggc 60
agtataatat acgcactaaa aaccatttcc ccctttatca tctttggcta gaagcctcat 120
gaaaggaaac tgaggacggc agaggcaggc aggtcccggt cgcttctgcc tcacacgtca 180
ctgaccggaa ggctcgcac gtccaagtct actaggtcac aatctttttc ctgagggcca 240

tttttacttt gaggtcttaa cagagcttgt tcagtcactt tggaagctgg gttctcttgg 300
gagagacagt ctgggacctt gaagttccct gggcttga 338

<210> 2983
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R91819

<220>
<221> unsure
<222> (1)..(409)
<223> n = a or c or g or t

<400> 2983
caataacaac gtaccgtaca aaacctgcct cccagctcgt ggggcaggca gtntggtggc 60
caagggagcg tagaaaacca gggctcttgt cccaaaagag gagaggaaag aggggttttgc 120
agtcaaggaa aaacaatcaa aaccaacat gatcgaagag aagccctgaa tctgcatcag 180
agggagggggc cgtgggcagt tgctcgcaact tggccactgc ggcggcacca gtacggggag 240
ctgtgattcc tagggaggggn ttggggccag ctcacaagtt tatttattta tttttttgag 300
acggaggggag tctccctctg ttaccggggt tggagtgcag tnggcacgaa tcttctggct 360
tcacttgcaa cctccattnt cctgggggggt tcaagagatt tntcacggc 409

<210> 2984
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R92449

<220>
<221> unsure
<222> (1)..(359)
<223> n = a or c or g or t

<400> 2984
acaacaaccc tatgaggtag gtactattat tcccatttta aagatgtgaa aattctatac 60
agagagggtta agtaacttgc atcaagtcag agagttaata aatgaggggag ctgattaaaa 120
ttcaggcgcc tgggtaccca agttcctggt cttaaccact acactctagg cagcctctaa 180
gttttagggcc tgcaaccaga gttcctccag gggaagggaa cgcttcaggg tcatgggaga 240
agttcaaggg gaaaaatc caaatgggct ctgtctccaa atgggggggag atccctaagg 300
gggccagagg aagggttnagg gccaaagggg gaggccttcc acttacagng gaggccagg 359

<210> 2985
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R92458

<220>
<221> unsure
<222> (1)..(260)
<223> n = a or c or g or t

<400> 2985
tttgattgct tgcagaataa agcctatcct tgaaagccct gcatcatggg cagtgagcnc 60

```

agtggnatct ggnggacagg gcactggcca ctccagtcac catcttctgc caggnggcct 120
gcacctcagg ggtgaattct ttgccgaaat ggattgccaa aacggtcacc agcacatttc 180
ccaggggctt gaagttctca gggatccaca tgcagcttgt cacagtgcag ttcactcagc 240
tgggggcaaaa ggngcccctt                                     260

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```

<210> 2986
<211> 377
<212> DNA
<213> Homo sapiens

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```

<220>
<223> Genbank Accession No. R92475

```

```

<220>
<221> unsure
<222> (1)..(377)
<223> n = a or c or g or t

```

```

<400> 2986
gatttaaaat acatctttca tacattgttt aaaaggaaaa aggaatcatg tcaaaatggt 60
tcaggaaatg atttaagtta gatataaaga ncatagttct gattttgaag tgtagtgga 120
actcaaacag aaatgattag ngctctctta agancatgac atgattctta aagtgggcta 180
tttcagagcc tagaaataac actgtattac tgactaatgt ctacagagta ctgcaaaaga 240
tgctggaata ggaaaaggca gggtaggtgt gaaantttta atttttaaat aggcaaagcc 300
cctgtctggg ggtattgtca ggtaactttc nggaaatccn aggaggaaaa tgatgggttag 360
gggnccacnc cagggggg                                     377

```

```

<210> 2987
<211> 357
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. R92737

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<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

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```

<400> 2987
ttaatatataa agtaaaagag tacattgttg agtagaggat taaaggagtg acgacccttt 60
ctaaagtggg gtctcccatc ccggatccct aagactgtaa catctgctac atacattaaa 120
ancaaaaacaa aacaaaagca aacatgaaac ttatgacctg acttcactcc acccttcacg 180
cctgcattat gacagaaaca cgtcccactg ctccacttta tgtatgtaca tccagaggct 240
ccaaacctaa ggctgtgggc cccctcctcc caggccccac acacacacac ccctggcaca 300
cacatggcac acacatggca cacacatggc acacacacac atacctggct ggcccat 357

```

```

<210> 2988
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R92768

```

```

<220>
<221> unsure
<222> (1)..(401)
<223> n = a or c or g or t

```

<400> 2988
acagtaccat agtattccac tgtctagtat actataagtg anctatatac caataatgaa 60
tacttaaggt tgtttcaaact cttttattat tagaaaagtg ctgccagaaa catccttgcc 120
atgcttctgt atgtactggg gctagtgttt ctatcagata aattttttaga catgaagtga 180
attactagga ataggaata taatttacac ttttgataga tactgagttt ttgctcattt 240
gctacatgaa gcagaggcag agtattctgt gtgggggttg ggacaggaac actgaccctt 300
gaagtcgagc cgggggggtct aacataggtg ggtcatttgt ccagcctgtt ttatgggaag 360
ggaactggga ctctgagctt tgggggggaat ttcccgaag g 401

<210> 2989
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R92994

<220>
<221> unsure
<222> (1)..(328)
<223> n = a or c or g or t

<400> 2989
tgagccaaaa tatatatact taatttttagt tatgccagaa gtaagtataa tttctcagtc 60
caaggatgtt aggaagcaac ttacagagca tgcttcaaact agantttctt tggcctttga 120
aggtaactat tttcaaactt aatagtagag tcaagcaaga ntggacaatt agagtttnca 180
aanttgaaaa ntattatgta ttttatataa tcattaccta tggtttacag attttatttt 240
tatgatacat atctctaagg taggtgggta cactgaggac ataggcaant atgccataa 300
atacttattt aagctggaag tgancata 328

<210> 2990
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R93507

<220>
<221> unsure
<222> (1)..(334)
<223> n = a or c or g or t

<400> 2990
attttncatg catttggtac tcaagaaaat aaacatacaa ccacttaaaa tacagcattc 60
acgttggtcac tggtnctgtg tatcaggtaa ggaaaaaatg atgctcatgn ccctagaatt 120
tnccatgtac atgtcagtat cctaattgctt acagacttcc tattaatttt gttatcagca 180
tctcccacct aaaaacatat actacattat gttctgggtc cctgaaattt cattactaca 240
tacagtgtta atttttactt ttcctcaagt ttaatgtaga catacaagaa ancatcaagg 300
caatgtttat tgtgcaattc caatccatta tttg 334

<210> 2991
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R93714

<220>
<221> unsure

<222> (1)..(431)
<223> n = a or c or g or t

<400> 2991
aagtaagang gnnnnaanac ccactggcta gaagccctgg gtgactttga agagagaata 60
ctgcttggat gtgttctcat tgttgatttt cgcaagagac tcggtggcag cctccagcac 120
ttgggtgattg gaagagtcag tgggtatgga gcttgggcag tcagggcacg tcatgtaaat 180
cttttttttt gaaattgccc gtctgtattc ctggggcgctc gttcactcgg ttgagtctca 240
gcacatagcc atcctttctg tctttgttaa tatcccgcag gcaaaagcct gcaactgcca 300
gcacatcgga gtcattgcag ccccgggaga gcagagccga ggggttgagg ggccagctng 360
gggttggaga cattgcttcc gnagcacagg acttgggatg cagagtncca gggggaaggn 420
gcagaccctt t 431

<210> 2992
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R93776

<400> 2992
gctccccaat accagaagtg agttcggcaa agagaaggcc acggagaatg accccatttt 60
ggagaggggt ttccctcagg cctattggag cctcctgccg ggatgattct gagtgtatca 120
caaggctatg cagaaaaaga cgctgttctt taagtgtggc ccagggaatga tgtacatacc 180
agggaaagaa ggacagcagt cacctccgac aatgctccgt tctatggaat attgattaac 240
tgcatthttg ctggagacac ccaagtgaag caatcttgta tttttaatat ttaaaggcag 300
atgtacgctt taaattggtc tccatttctt cttagaatgt tgatatatgg ataaggcata 360
actaaacttg ttcaatttag gagtttattt ttctatgggt actatttaaa tgtctcaaat 420
tggaattttt agcagtctgg gatttcaagc ttttgagggg aaaggagggt tcacttttgt 480
atactaaag 489

<210> 2993
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R93908

<220>
<221> unsure
<222> (1)..(223)
<223> n = a or c or g or t

<400> 2993
catatatnna atantaaaaa tcctggggagg cattgcactg taatagtaag tctgcccac 60
caggntcatg catgtctttt ctttcattca agtcttattt tatatctttc agtaaatattt 120
catatagatc ttgtgaatcg aattattttt acatttcaaa ttcaactaac aattattaat 180
aganaatgaa aacattgatt tttttcaata tttattttgt gtc 223

<210> 2994
<211> 500
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R94662

<220>
<221> unsure

<222> (1)..(500)
<223> n = a or c or g or t

<400> 2994
aatgaagatg gctctctgca gaagaaatta aaagtctggt tccggattcc aaaccaattt 60
caaagcgacc caccagctcc cagtgaacaa agcgttaaga ttgaggaacg ggaaggcatc 120
actgtctatt ccatgcagtt tgggtgggttat gccaaaggaag cagactacgt agcacaagcc 180
acccgtctgc gtgctgccct ggaggnacaa gccacctacc ggggggacat ctacttctgc 240
acgggttatg accctcccat gaagccctac ggacggcgca atgagatctg gctgttgaag 300
acatgagtga cccactgaac caagaactta ctgggaagtg tgcctctgtg tctccttcct 360
tcgggggttaa ggaggggaca gtgcttccca agttccagtt ncaagtccaa tttaaccaat 420
ttcctttcaa agtnagttaa ttgccatttt ntgaaaaaag gctgtttcct attattagtt 480
ttttntcac agtggnatt 500

<210> 2995
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R94674

<220>
<221> unsure
<222> (1)..(377)
<223> n = a or c or g or t

<400> 2995
aaattactaa aatgtttctc atataacagt aatgattatt ctaagcaact gcatgagcct 60
tggaagattc ttcattctca acacatgttc ctctttcaga aaatatcaaa actctcattt 120
ctctgttgtc caccttcctc ctgaggggac tcaggccaca caggggggtct cttctgactg 180
agaatccna atactganga tgtgggcatc accagtata tgggtttggg ctatgtcccc 240
actgaaattg caacttgaat ttatcttctg ggaattccca catgttgttg gaggggaccc 300
gggggggaggg tcatcgaatc agggggggcc agtctttccn gtggctattc tcatgatagg 360
taaggtctca tgaggat 377

<210> 2996
<211> 179
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R95966

<220>
<221> unsure
<222> (1)..(179)
<223> n = a or c or g or t

<400> 2996
acgggggagag tgaggaggaa agaggaaagg aaggccaggg tgggaggaag gancagctaa 60
anctgagggga agaagaagga aaggagaggg actattncat agcagatgca aatgaagggg 120
cttgggggcta gtcaggaaga aagggaagg gaaggaaggc aagagagagg ggtgaaggg 179

<210> 2997
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R96417

[illegible]

```
<210> 2998
<211> 354
<212> DNA
<213> Homo sapiens
```

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<220>  
<221> unsure  
<222> (1)..(354)  
<223> n = a or c or g or t
```

```
<210> 2999
<211> 252
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> unsure
<222> (1)..(252)
<223> n = a or c or g or t
```

```
<210> 3000
<211> 334
<212> DNA
<213> Homo sapiens
```

<220>
<223> Genbank Accession No. R96924

<220>
<221> unsure
<222> (1)..(334)
<223> n = a or c or g or t

<400> 3000
agtaaacttt attngggaga tgggggtgaat ccatcactgg ttactggaac cctgagtctg 60
cattttctcc tcaggaaggc ggtctgaaat ggagtgggct gtgtttggca agggttgtag 120
tggtttggaa tctctcacct gcttggctcc cgagctgggc ctcaggctgn tctccccaga 180
gtaaatgccc gggatcattg aggaagcgtt ggctgcgctg ggcatgttag ggcaggtctg 240
tacggtccag cgctgtcccc tgcagcgtct ctgggcgctg ggggtgcaggt naggcccngg 300
acgaggaggg aagagcagcc tcgacagaga gtcc 334

<210> 3001
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97176

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

<400> 3001
ntanacccat acttttttatt tggttaatttc atcacccccc tttttcttctg atgtgggtccc 60
caccacctct gacatgcacg cattggctag ggcctctcac actgaggctc cacgcgaagg 120
gaagatgcaa agtccagtc ctcaggagc tagtgatgga agtcttggga aaggagagtc 180
ccaagttcaa gaagacagct agggtagaag ggagggaggt cctcaagggg tagaggacag 240
gagtccaagg aggtgggctc aggntgcggg gtgggcgcct caggagagagc ccagaaatct 300
ttccaggggc agcactntct tggaacaggg gctnttgcac ttnacgggta ccccgcatct 360
tttcattccc caaccttcag ttgggcccc cattgc 396

<210> 3002
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97302

<220>
<221> unsure
<222> (1)..(392)
<223> n = a or c or g or t

<400> 3002
ncatgtaact ctctcagtct tgtcagaaca caacttctgc tatggaggaa atattttccat 60
caggaaaggg ccaagttagt gtcttaactt gactgccttg aatggggact ctggacccca 120
ggaagaatgt atttaggctc ctcacaaaaa agagtgatgg ctgggcaaaa caaatgtact 180
gcaagaccca tcttccctcc agttaataca ctcccaggga tgggctgcag agggggagac 240
tctgagagaa gctggaggcc cacaaaagtc cactgaccct ctttctgtcc cagaaatgan 300
taaaggacca gttggtgctt tccttccaaa atcctcaaca aaggtggttt gtgctccagg 360
aaaatgtggg ggggttaaaaa aatcatgtcc cg 392

<210> 3003

<211> 349
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97419

<220>
<221> unsure
<222> (1)..(349)
<223> n = a or c or g or t

<400> 3003
tttctaacat ttaatctcca cttaggggaat tggagggtcag aaatgaataa aataccatgc 60
cccagtaggc tccagtctag ggaagtgggc agcaggcaga aaccaagaca cagaaagcaa 120
cgacacataa cagatatgct atgatacaaa tgggtgctgca ggagctgcac agttcggagg 180
ccattttctgg ccagaggatg ggatgcgtga aatccaggaa ggcttccagg aaggagtagc 240
tggcactggg atgggcagga acagcaatgt ctctactgat ggtttcattg gagaaagctg 300
gcaaagtga gaagtttgga gactaaccgt gacaaanttt aaacatcag 349

<210> 3004
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97711

<220>
<221> unsure
<222> (1)..(454)
<223> n = a or c or g or t

<400> 3004
gtggagactt aactctgtca tggaactccc tgattatggt atttntctgaa gttcacaatg 60
ttatgtattc taaagggaaa aaattaacca gccatggctt tccagggnaca atctttgagg 120
aaggaagtga gactgtttac cgtgttttct atcagaaaag gaatgttttc agctcatctg 180
cacttggatc aatattttta tctttgggta tcatttggca ttgctgtcac tggagctgca 240
aaaaacatgg gaggagccag gataacccaa aattctcatc ctgcactttg caaaagagag 300
gacaagctgg ggtgtcgctc tgtcatgtgt ggtcccacct ccaggggagct tggggccagg 360
gagggaactg gggaatgcct atgcccattc agcaataggg cgtcccgggg ggcacngggg 420
cagaaagnca tagaggggagg gggaggggaga antt 454

<210> 3005
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R97759

<220>
<221> unsure
<222> (1)..(452)
<223> n = a or c or g or t

<400> 3005
acatgactct nnncnataca tctgttgata agaaacccaa gattaattta gacaggtgca 60
ttcaataagg gcaggggagg ctagtgcacg tcccggccgg cccaggagga caggaaaaca 120
tcactcacga agtcatcctt ggccccgagc cgctttgtcc tgtccttctg caggaggccc 180
tccaggggagg tgtcttgagg aatttgtaat atttggtttc agctgggaga ggcttggtca 240

```

ggaatgttgt cgtacatttc agctgtgttt cgggctataa aaaagggcgg gctggaaaga 300
aggggggaaa attactttta ggacttaatt ggggaagttt tcatatgggg cacacattta 360
cccagtaggg aggaaaaagg atattaaacg gggcaataaa tatttagggg ctccgatttt 420
tgaggggaact cttccccccac cctncaatgg ct 452

```

```

<210> 3006
<211> 487
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R97798

```

```

<220>
<221> unsure
<222> (1)..(487)
<223> n = a or c or g or t

```

```

<400> 3006
catctcagcc tntttacntt catctcagcc cagcacttct gttggggctg agatggaagt 60
ctcgggaagg gctctgagga ggtgtgactc tccctggctg acagggggaag gcttagcaga 120
gctttgtctt agaggagtag atgaaaagga aagtacagag agggcattca ggccaagtca 180
gcaacacaga caaagtcagg taatgtgggt taagtgcatt ggtgatgagt aaaggggatg 240
tggctagatg gtgtgagtgt gtgtgtgctt gcatgtgtgc ctgtgtgcgt gtgtgtgcat 300
gtgtgtgtct gtgtgtgagt gacagcaaca gcaaagggcc cgtcatgagt ggctaagacc 360
agatgtaggg tagacttttg agggggctgc taaggatttt catagggcan tgggggaacca 420
tgaaccttcn ctagggcagg gggangagcn ttccggaacc natccccgaa ctttntccat 480
tgcaatt 487

```

```

<210> 3007
<211> 405
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R97804

```

```

<220>
<221> unsure
<222> (1)..(405)
<223> n = a or c or g or t

```

```

<400> 3007
tttatgtntg gggcagcttt ttaaccagc acagaatact atactatacg gtttgtgaaa 60
gcttcactgg caatattagg gaatgaagaa agttgaattt accagaagtc acctcagaga 120
atagtaagta taataaaagg aatatgtaac aagccctgg ggacaattgg tagagaaacc 180
ctgttcaccc actaagaaaa aaaaagcagg ctggagtaat agatgatttt agaaagggga 240
gacaaatgag cagtggcagg gcttcagtta gggtccagg gagcacaggc attagaacta 300
cctcccaggg agactcgttc cctgcccttc actagagtag gcagaactaa gagtgcctga 360
gttgggaatc tctgggggggt cacatgacca catagggagg gaggg 405

```

```

<210> 3008
<211> 489
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R98073

```

```

<220>
<221> unsure

```

<222> (1)..(489)
<223> n = a or c or g or t

<400> 3008
ggagaatctg ctgccagctt caggcagacc tttctgtcct tgcgtgtcaa agccagactt 60
ctaaggagta gtgaaagaaa accctgaaat aatcgaacag gaaaaagttg ccctcaagcc 120
tgacctggaa ccgttcctca ccttcacacct caccatgccc tgctatctcc agctgctgag 180
cantgaaggg tgctgcagcc ccttcccttc cagcccacaa gtgtgtgcat attgagctcc 240
tgctgtggtt aagcactgca acagactcta ccagagatgc aaagagaagc gagagagggc 300
acctgtttct ccaagaactt acttggtcca atcatgctgt ggggtggcatt tcctttggaa 360
gatcatngaa ggaataggcc aaactttgtc ttttgagggg tggaattttt gaacactttt 420
taaaataatt caggaagttc acttgagggg ncccaaaggt tagttggaat taantttcaa 480
ggttgaatt 489

<210> 3009
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R98074

<220>
<221> unsure
<222> (1)..(452)
<223> n = a or c or g or t

<400> 3009
tcacttngga tagttaaaca tttatttcaa taatgctacc attgctcaaa acattcttta 60
catcttttct tngggattgc cttnggagtc attgtataaa tcattaaaaa aagcagactc 120
attgcttttag tttagtgttg ctctatcatc ctcaagtatc tagcttagtc acttgaatta 180
ttcactagct ttgggtctca gtgacttctg attattttta agngtcaaatt tcaccctcaa 240
ngacaagttt ggctattctt catgatcttc aaaggantgc accacagcat gattgggaca 300
gtaaggttct ngggagaaca aggtgcctct ctcggcttct ctttggcatc tctgggtagg 360
agtctgttgc aggtgcttta accacagcag ggngetcaat atggcacaca cttnggggcn 420
gggaggggag ggggctgcgg cnccccagcc ga 452

<210> 3010
<211> 261
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R98105

<220>
<221> unsure
<222> (1)..(261)
<223> n = a or c or g or t

<400> 3010
agtannatac cacagagaat agttgggatg aaaggcatcc agccccctgct tcctttaaga 60
tggcctctag gcagggtgggt gttctgtaag cctggcaaaa attctggagc caatctctgg 120
caaggctgag tgccaggcgg ggcttaggga cccagggtcg gtgcttaatg cctccccgcc 180
attggaaatt actgacctcc aaatatatat atatatatgt tttttaattt aaaggggaag 240
tacactgcac accttcctcc a 261

<210> 3011
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R98413

<220>
<221> unsure
<222> (1)..(424)
<223> n = a or c or g or t

<400> 3011
attaagatat caacgaggta cttcttggtt ttattagata tgagaattat caattcaagt 60
cagaagtgcc acaaccactg ccatattaga aagattagta cccgagagcc cagactgtca 120
cccggtctgga ggctctctgc cgatggctcc cagggaccac tgacctaatc aagggcctcc 180
tccttcacac gccaccctcc accccaaccc ctttatgcct tcttaaagtc cttcaggag 240
gggaccacc atcaagattg tcctttctgg gcacctaaact cttctgtctg ctagaagaca 300
gcaatgagac tgtccctaca acgatgatgc ttatggtggc cacatctcaa aggaagctga 360
gaggggtctn agccccgtat tnttcacttg gggagggcag aacccaaatt ttagtaaagt 420
aagg 424

<210> 3012
<211> 323
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R98624

<220>
<221> unsure
<222> (1)..(323)
<223> n = a or c or g or t

<400> 3012
ttaattttat ttttaataca gattttcagt aagggggcatt ttcaacctaa ttggnctctat 60
tttcttgat ttncatttt aatttgcttc ataacttaaa ccaaggctct tccagtctta 120
gttattatgt ctcagttatg tgccaatggg catgttttta agaactgaag aggttaattta 180
ttgcaatgaa ctaactgacc tcctccattc cttctttcct ttttgacatg aattttacta 240
ccccacaaat gaaaaatgat gttgcaaagt tactgtggtg aagttgaaaa atatcactaa 300
aatgattata atttaggtat taa 323

<210> 3013
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R98774

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

<400> 3013
tgggtcatga annccnantg aaattttatga gaaagctcag aaaatattca gttttcatag 60
tcccatgatt acatactcct gttcatgagt actagtaaaa ggttgattat gccagagaat 120
ttctataata agcattagca ggaacccaat accctgtcat aattcagtaa ggtttatata 180
ttttggcaaa atcaataaat taggcattca gcaagaggca atgtagaggc agtcattctt 240
gcagtgtaaa gatctttttg gccaggcacg gtggctcatg cctgtaatcc cagcactttg 300
ggagggctga ggtggaccga ttacttgagc tcacaagttc gagaccagcc tgggacaaca 360
tggtgaaacc ccatctctac aa 382

<210> 3014
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R99014

<220>
 <221> unsure
 <222> (1)..(325)
 <223> n = a or c or g or t

<400> 3014
 gatgtaagtt gaagganttg agagtgtttt attatagcaa tgtaattcag ttctttgaat 60
 tcctttctatg ttatatgtca acatttgtgt aatgggtctat tagcaaaaat atttttaatc 120
 ttctgggcaca tgacaatttg ataaagtcct tcttcatttc ttttaaacag tgaactaggg 180
 aagcacctga ctaggcaaaag agatttgttc tccaacaatt tgaataattt actttctcaa 240
 tttctgggga aggtatacca agaggagctt tactaaggnt tcatcaaatt attgttaatt 300
 gtgccggtaa cacttggtac ttagg 325

<210> 3015
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R99591

<400> 3015
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<212> DNA

<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. S95936

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<220>
<221> unsure
<222> (1)..(2338)
<223> n = a or c or g or t

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<213> Homo sapiens

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taataagtaa aaattacaac attcttctcc cagcaatgaa caatttcatt ttttaaaagt 180
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<212> DNA
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<211> 252
<212> DNA
<213> Homo sapiens

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<211> 304
<212> DNA
<213> Homo sapiens

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<223> Genbank Accession No. T03541

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<222> (1)..(304)

<223> n = a or c or g or t

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<211> 275

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. T03580

<220>

<221> unsure

<222> (1) .. (275)

<223> n = a or c or g or t

<400> 3045

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gtagtggggg aaaatggaag gtggaggggtg gagtttttcc tgcaggacag ctgagtggag 120
ggtggggaca ggtgcaaact ggagaggcct agagagctag agaagcaagt aaggggccagg 180
gccagagtcg gtttcatttg aacaacagcc cattnccctt aaggcccctt aattttttgtc 240
ttggcttttt tcttagacct caagccagggt ttttt 275
```

<210> 3046

<211> 169

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T03651

<220>

<221> unsure

<222> (1) .. (169)

<223> n = a or c or g or t

<400> 3046

```
ctacacatgn ttttttatta gtatagatac cttcacagac aatactgtaa ttttaagagg 60
agttccacat cattacatca acagtgtgaa tttctaacag aggcaaaact gagcaccata 120
gtttacaagn agaaagaccn tgnttgngga caacagangt tcactaagg 169
```

<210> 3047

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T03749

<400> 3047

```
gggcttgggg ggtttattaa gtgatgcttt agtctcagtc tctgccagca actgggagtg 60
gggtgactcc actcacccca ggatttccca gacttgctat tttagaggag agaggcagga 120
agccaactat cctctaagcc acagcttggg aagctaggct agtactgggg tgggggcagc 180
agagctgaga cctccacccc cgagccccta gcctgtgcta tcctcccagc ctgaggggga 240
```

```

ggagctgagg caatcctggc tgcagcctcc cacacacagc cctgctcttg gtgcgccatt 300
cactgccctg agctattcat gatctctgct cccagatatt cacctcaaca ctccaaaagc 360
cagcccccttc aggtcttcag tcttgcgga ggcaaaaagga g 401

```

```

<210> 3048
<211> 371
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. T08879

```

```

<220>
<221> unsure
<222> (1)..(371)
<223> n = a or c or g or t

```

```

<400> 3048
tggtgaatga ggatccccctg tcccaggact tgcctgtnaa gatggcttca atcttcaaga 60
actttgtcat tacctataac cggacatatg agtcaaagga agaagcccgg tggcgctgt 120
ccgtctttgt caataacatg gtgcgagcac agaagatcca ggccctggac cgtggcacag 180
ctcagtatgg agtcaccaag ttcagtgate tcacagagga ggagttccgc actatctacc 240
tgaatactct cctgagaaaa gagcctggca acaagatgaa gcaagccaag tctgtgggtg 300
acctngcccc acctgaatng gactggagga gtaagggggg cttgtcacia aagtcaaaga 360
ccagggcatg t 371

```

```

<210> 3049
<211> 339
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. T10108

```

```

<400> 3049
tttagtattt ataatcattt acttgtagcg aactgtttta agttaacact tgttttaaatt 60
tttttacact atagcattta tgcaatgggt tacagaattc atggagttat ttttatcagt 120
atgggaatta attaaaacct tgaatctttg ttttggtgct ttctctgagc acaagcctgg 180
tcagctgggt cctgcgggtc ctaccagcca gcttctctgt aggggtctcg ggcgctcca 240
cctctgctct cccaccacia gggtcacaaa ctcccacgca ggccctgggtc acccgagct 300
gctctggaga cttgggctct gggcgtctcg tgggcaaaa 339

```

```

<210> 3050
<211> 319
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. T10264

```

```

<400> 3050
tttccagtat aaattatttt taatttttaga aactgagatt gaagtacagt ttttagttta 60
aaatattaaa aatgaaaaaa cttttaacat tattaaagat gtgttggttac aaagttccta 120
gatatatata tgtacaaaac aaatagatat tactatctga cacctcaacc catgacttac 180
cctaaatctc ctgatatgaa caattaatct actgggaggg ttttcccaat aagtttcaaa 240
tttcttgcac aaagatttgc tgccattcat attctgtgca tggatgagga catttaatca 300
cagactattt caacttaat 319

```

```

<210> 3051
<211> 319
<212> DNA

```

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10316

<400> 3051

```
ttagcggtc tgccttcac ttttaatggc cggcgcggtc cagttagtgg acagacgggg 60
gatgggacac agcaggggtg aaacaggggca gtcacagccg gggccgggga tctggaagcg 120
gggggggtcc tccccctgga aacaccgtct ctggaaggac acccttagga tccccctgacc 180
tcaggggtgcc acccacacgg gcctggtgtt ctgggagggc cgggctggag tgacccccagc 240
ccctccctac gttccagggg cccttggggtc tgtcgagtcc ccttggtgga tgaggggtcaa 300
gacctaggtc aagctgact                                     319
```

<210> 3052

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10322

<220>

<221> unsure

<222> (1)..(299)

<223> n = a or c or g or t

<400> 3052

```
tttctgagac actgtcgatt tatttttagca ttacatttg acattcattt aacagacaca 60
caaggcaagc caacaggtta acatgcttac acagcctgca gaaatcgcca ggttttanct 120
tgtttttttag gaaaacaacc aaaacaccca aaattttacca tgacccggtg caggaaaaaac 180
aggaggactc aagtgattac tagagctgca agtgtttctt agaattgaac caaaaattgt 240
tttttcccaa ctggttcaaa tttcctctaa gtgcagggtg gaaaaaaggc aatttatatt 299
```

<210> 3053

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10698

<220>

<221> unsure

<222> (1)..(232)

<223> n = a or c or g or t

<400> 3053

```
tttccaaact cagagcaact ttcttgtcag cgtgggcgga cgttgggagg cacctcagtc 60
atgatacagg cgcaggaggc agccgcggag ggtgcccatg tagcgggtccc agagggcctg 120
gtgtcagaag ccatcagagg agtggataga cgctgaatac taattcagga agaaccgcac 180
gtcgctgagt ggccagtggc cggagcggnc cagggttcac aaacttctca ca 232
```

<210> 3054

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T10822

<400> 3054

cataacatta atattttattg ctttatatga atactgtatt gaaagcccaa gcattcagtt 60
 tacacacaga aattatacaa ttatataccg cttcacaaaag gcagtgaaca cattacattc 120
 tacaaaatcta ctttacagaa atttgaaaac tttaaatatc aaaaggtaca gctgaagaaa 180
 caggtataaa tttggcagcc agtaattttg acagggaagt tacagcttgc atgactt 237

<210> 3055
 <211> 140
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T12599

<400> 3055
 tccagaggtc ttttattttt ttaacaccca cgatgccatg aattcatagg gaagagggtc 60
 cagcagctca ggctccttcc cattggttct cacagtgtgc tgctctgggt ggagcaggct 120
 ggcgcttcag ttgaatccag 140

<210> 3056
 <211> 190
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15442

<400> 3056
 cacagacaga tgtggggcct ttaattatgt ggggttcctc tatatggaac acgggacctc 60
 cccaccccaa gcctagtgc tttggaacct ccataaccag tacaaaagtc cctgaagggt 120
 cccctttaa atcactaatt taaaaaagg gccaaggggg ggaggggccc cccccaaaa 180
 gggttgggca 190

<210> 3057
 <211> 223
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15473

<400> 3057
 cttaaacaca caggtgttta ttaattgtt catttgattg aatttttaag ttcactttac 60
 tacgtggatg agatgggtgc atattacagt aggttttcgc tatgagcgct gccaccatga 120
 ggaatatccc agccctcagt tctgcttccc tttctgagtc ccacaaaagc cagatgtgga 180
 cagccttggg ttcccatccc agctggctgc tccttctggg gct 223

<210> 3058
 <211> 282
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15477

<400> 3058
 cccaaaaata cttccattta atatagtc atgaaagcta atcagcaaga agggagattg 60
 acagacatgc ttaggaaaat agctacgtac cataccacca caccaaagtg ttgttttttg 120
 tttttgtttt ttttttaa ac aaatggagaa aagacagacc agccaggatg acttcccaca 180
 ggggaaggat ttaagggtg ccccatgaa tttcttcagg ccacggcagc tacttctctc 240
 tcttgatatc ggatttagat ttaaagtttc ctctctgctc ct 282

<210> 3059
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15482

<220>
 <221> unsure
 <222> (1)..(281)
 <223> n = a or c or g or t

<400> 3059
 agtgtaataa ttttattaat aaaacgaacc catagggttc aaacaagcat acaaagtaat 60
 tcccttccct gtgggttaaa ttgttacatt ttttaataata aaactaagan agctttcata 120
 gtttaacttac caaaaacata acgcttgctt attgtttctt actgtgcaaa acaaaaaccaa 180
 agttttgccc acagangnt tttgtgcacc aaancatgca catttncaat ttcaaaattt 240
 ctgcatcaaa atgnaaattc caaggccacg tttttgtttt t 281

<210> 3060
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15674

<220>
 <221> unsure
 <222> (1)..(305)
 <223> n = a or c or g or t

<400> 3060
 gcaacgcaag gtgctcttta ttgtcagcga gagatttagg ccaaacgggc actgaggctc 60
 cacgtggccc aggccctctt ccgtggaaga gaggcaagag ctggtttcag gattcagagg 120
 attcctccgc tcacgcagca ccattgcaaat atagagggtta aaaactttct ggnatgtctc 180
 tggcttgaaa ccaactgggc caacagggtc cacaaccact ctcttttttg atcactgggn 240
 gacaccagaa atgctgttag agtagttagt ctgagtccac ccngggccaa attctttgtc 300
 acctt 305

<210> 3061
 <211> 194
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T15852

<220>
 <221> unsure
 <222> (1)..(194)
 <223> n = a or c or g or t

<400> 3061
 ggaaaaatgaa cagtaaattt attgaaactg gtttaggggc aggggatggg aggacagctg 60
 ggggtttttcc aaagagaact gagggaggag ccagcgcccg gccaggnggg agcgggtgcc 120
 tggccacaga ccctatctca ggcccagctn cttctttccc tgnctnctac ttgaggacca 180
 cgtccagatt ccgg 194

<210> 3062

<211> 332
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T15903

<220>

<221> unsure

<222> (1)..(332)

<223> n = a or c or g or t

<400> 3062

```
ccagatgcct gtaatttatt tccaaaggag agctacagca cataggaaaa tacacatggc 60
ttttcagtct acattttttac agagaaaagt gtttcgggtca ttggctttct cagtgccatc 120
atcccgttcc atgaggctcc aggggtggatg gcctggttcc aagatccccc tttcaaagca 180
gcagctttgc caaggcctct gggggttagga gtgaagggca gcgaccccca ttttcgggtg 240
gaggggtgga cattagcagc actcacttta aagctaaggc aaagattaga gcttngtggg 300
ngatgccttc cttttcccca ggggcatggc tt 332
```

<210> 3063

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T16175

<220>

<221> unsure

<222> (1)..(365)

<223> n = a or c or g or t

<400> 3063

```
ccacgttgct gttgttttaa gaaaaaaaaac aaaacaaaaac accacagatc aagttttcta 60
acacctcagt ttcaagattg cacgtttcac atttctcagt aatttacagg cgtccacagc 120
gagatgttgc ttagtgctag ctggaggggc aagctcaggt ctagaaggga gagatgggtc 180
cggggtggag aacacagtgt ggccccaggg agtcttgagg ggacccaagg aagcagaggg 240
ttttgtctcc agtcctttgg gaggggtcct ctctctctcc aggactcatg gctctttagc 300
ctaggggatg gggaggcagg actgttggca gcaacctnan caagcctgga tatgggttcc 360
agagt 365
```

<210> 3064

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T16206

<220>

<221> unsure

<222> (1)..(290)

<223> n = a or c or g or t

<400> 3064

```
cacactacaa tagttaattt aatttgtnca agagctcaga ttgcaagcat taaaccaagc 60
atatggcttt aattctntaa gcccaaatcc acatattgaa gaagatcaaa gcaaactgtg 120
atccatgtac atggttgaaa actaaaggct cngtgtaatc acattgtagt tttnaaattt 180
ctacagccta gagctcacta gtcacaggtc tttaaggctc ttctggttgt cccacagggt 240
atctgcactt tctttgagct gtgcaacctc atcatcctta agcttctggg 290
```


<210> 3065
<211> 252
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16226

<220>
<221> unsure
<222> (1)..(252)
<223> n = a or c or g or t

<400> 3065
gggcaaagtg aaccagccc cagtttatta gaaaaggtgt gaacagagtt gcaccgacag 60
gagtagcccc agccctctgc ccaccctcac ccacacccat gccactcgcc cccaaagggc 120
tgtagtgccct ctnagggcgc agctccagtgc gcctggacag cagggtcccg gagtgccggc 180
tgctcccgcg ccagctccct gatagattta ttgcacttga gaaaaagaaa gctctgatcc 240
tctgtcccca tc 252

<210> 3066
<211> 373
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16269

<400> 3066
ctttcagctc atttctttaa taaggagacg cattcattac aaaataacaa tttgacaaga 60
gatcagacaa gaacaagagt ccacataagg gagatggaga gcattgccaa gcagaagtgg 120
gaatgagagg gccgggggca agggctgtac atgtgtcctt cctatggaga cgaaggcagg 180
gctcctgggtg ggctgacctt gggaagtag gctctgccag gccctgattt tgaagttttc 240
agccccaggg ttttcagaaa gcagcaaatac aagtccttag atgggcagga gtcagggcag 300
aagggtcact atctttgaag agggccccct aaagtcttga tcgctaaggc aggtggggat 360
ggaggggactc ctg 373

<210> 3067
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16306

<220>
<221> unsure
<222> (1)..(321)
<223> n = a or c or g or t

<400> 3067
ccatgttcat ttttatttaa agactcagaa acacaggcat catggtttgt catcactgac 60
aagtcttcca aaatcacacg ctgacatttg tgtctaacaa aaacacttgg gataggggtgt 120
gtgtgtttgt gtgtgtgaac tgtgcaaagt acaaaggatc tcccagtcgg ctgagcctgt 180
tttgaagtgc ccggtctggc atcaccccat gaggatgcca ggngagcacc cgtggccgcc 240
atcctctctg cctccctctg ggcagaggcc cctgggtggc tgcagtctg tcccctcggt 300
gtccactgac ttcagccatg g 321

<210> 3068
<211> 340

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16308

<220>
<221> unsure
<222> (1)..(340)
<223> n = a or c or g or t

<400> 3068
aaaaatgttt ttattttaatt aaaaaaaaga cagancaacc aacccaaaac cagtagtagg 60
tactggngtc acaggtgctt aactggcgaa acacacaggg gtgggggcga gggggcgggt 120
cgggaggagg gagagaaggt gggcacaggc caccacatcc ccccggtggg tgtaggtct 180
gagatgcagc gggaggggcca ggaatgggag gccagggcc cagggtcccc ggagaccag 240
ctggccgcgg ggagaaggct gagaaggccc ggtgtctna ggtgggtttg ctcccggtc 300
gtccccctct tcctactctt tcttggtccc taggttgggc 340

<210> 3069
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16478

<400> 3069
aaagcaatgg aatcaataaa tttattaatg ttacattaac acgaactaca aagagacctt 60
tcgtatgtct gataccaaag acataactga aaagtcattt ttccaaacct tgagcttgca 120
ttcacctacc tgtctaacc tcacatgtgc taattaactg caaatgccat ttctgggctt 180
cacacacatt ccgtggcttt cccttttctg atgtgacttc cctcccttac cccacacctc 240
cctgcactgt cccctgctgt gcccttggct ggaatgccct gcagcctgct tcagcccagc 300
aaagtattca tcttaccagt cccatgccct gactcctgat gtcacc 346

<210> 3070
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16484

<400> 3070
aaaaataaag cctctttatt ggtacctgta agctcaggta caaggtgttc ccacaagcac 60
acaggctggc aaggcctcct gggcaagggg caggcccgaga gcctgcgttt cttggcacag 120
acacagagag aaatggaata aattatagtt ctgacactca gggacaatgt agaaattatg 180
atgcaaaatt aaacattagc aaacaaaggg tataaaaacc ctcaggagcc acccctcgcc 240
aactggcctc agggcatggg cagggtgggc acggttgaag tgcagtgc 288

<210> 3071
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16550

<400> 3071
cacaaaatgg atttttattg tggatcatata tggtttctca gtgccacaga aaattgctat 60
gtagggacaa aaaatttttg gatggctctg taaagaaaca tggtaggttt tcagaaatga 120

gttgtgcagg aatgtgggta atgaaaagca gaaaggggta aggggaagaga aaggaagcca 180
aggagtgtgg tatgtacatc aaatgattac tttttaagcc cctctaggct ctgataaccc 240
tttc 244

<210> 3072
<211> 266
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16652

<400> 3072
agtgtggcag atgtttattg agctagagga ggagagctga gctgagccca gcctgatcac 60
ctcctcagag actcagcatt gtgaattgcc cctacagggg catttttata cagcatgaag 120
tagccctgca cctgggcagg actgatctgg tttgtagctc gaaggacatg ttctgcaaag 180
ttctcagcta aggaagggtgc ctgccctgga tagaacctct ggaacatctg ggtcagctgc 240
cagtgtgagc agtagcccac gtactc 266

<210> 3073
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T16983

<220>
<221> unsure
<222> (1) .. (269)
<223> n = a or c or g or t

<400> 3073
aaaaaacaag ctttaaatcca tttcataaaa nttgtccttg caattganca cagccaggcc 60
cacatgcccc gcaggttgca ggngacagtt tcacatttnc caggctcagg acagggcagt 120
ntcctccaca tgccacaggt gtctgagtga cagtgtagac gcctgatggg caggaggtag 180
gcacagatga tctgaagggg tcattctattt aaaagtctgc aactccagtt caacggncac 240
cttaaact gtcaggcacg tnccccaag 269

<210> 3074
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T17066

<220>
<221> unsure
<222> (1) .. (394)
<223> n = a or c or g or t

<400> 3074
agttttnnac atattgttaa aagactttca agaaataata caaactggag atagtagata 60
cacaggctcc attctaagaa caaagtctgt tagaagcagg aacacttgga caaatatggg 120
atgggaggga tgtcaggccg aggttagagt ggtgatctct cccaccctt tagggccttt 180
ggagggtggag aagggatcct gcctgctagc accacattgg aagggatcat ctgggtccaga 240
acccccattt ctatcaacta ggagctgggg ggagtagcta gccagagac ttcgggtcag 300
ggttcancaa tcagggaaga cccagttcct gngggaaacg ncagttcaag aagngtttgg 360
gaagaaggct gtcctctaaa gaaggccgtc ctct 394

<210> 3075
<211> 248
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T17339

<220>
<221> unsure
<222> (1)..(248)
<223> n = a or c or g or t

<400> 3075
ctgtaaaagc atttcctctg aatattttat tcagaaaaaa aaaacacaaa aagataaggc 60
aganacaaaa attccagtca tttgcagtat ctgtcggctt tcaatttggg tctcttggtt 120
aaacaaagaa aaatagtaaa attaattctat gtaaaacatg ccatatatat tcaactgcta 180
ctaaatataa aangctttta aactgtgtgt tcaattgtgg ttattgtatt accncaacac 240
atattaaa 248

<210> 3076
<211> 325
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T17353

<400> 3076
aaaccaaaaa tattttattg ctgagtcacg ctgggggttc ataaaggacc ccaagccttg 60
cttggagtct atagctttgc taggactccc atgacatcag gatagagatt gaggcacggg 120
gtcctttggg ttccgattaa ggaactatct actctgattc tgttgatctt attagtccct 180
ccaggtcacc tctacttcat ctgtccgata cctctgtgta accccagaat cactgagtgg 240
ggctctgtgt ccagcccga acatctccca gccagcctgg gctatcatcg ctccattgtc 300
aatacagaat ctctcatctg tagca 325

<210> 3077
<211> 319
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T17411

<220>
<221> unsure
<222> (1)..(319)
<223> n = a or c or g or t

<400> 3077
gccttttnaca ggaatgtttt attgtctctn cctggncctt taacatagca tatgaggnga 60
aaacactgct ttagtaaaaa tggaatactc ttggttacat gaaatcccat ccctcgtcct 120
tcagggtccac tggaggagaa gtccctcatt ccttgggatt ggtgacgnca gccgtggtgg 180
aataggagta ggggntcagc agggcggcaa tggntagcg gcgggggccg gagtctgttg 240
ctgtgaatac cacctatgag agaagacagn cagatccntt tccaccagag cccgnaaanc 300
gtgacagtgg acacacatg 319

<210> 3078
<211> 319
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T23426

<400> 3078

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tttaaaataa tgaatcataa atttttatttc aaaatgtaaa cgtcactaaa catgcataca 60
cgttaaaaca ataaaattta caatttcggt aatttttctt tttggatagg acatcattac 120
aatatagaat ctatgccata caaaatacat acaaagtttt atccgagcaa gccaaaggcca 180
gactgggaac tgtacaactg taataacttca ctgtagtgat ccaggaaaga tgaaacgtgg 240
ccttcggaat tatggtgggt gctgggttaa aaaaagttcc tacagaaaag aaaaacatga 300
gctccatgga aatggtctt                                     319
```

<210> 3079

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23430

<400> 3079

```
tttaatatatt atcaacagta tatttgacaa aaaccacccc caatcgatgg cagaaagcag 60
tatttttctag ctggcactga aacttaacct atttttttgg gggagaaaaa gactaaaatg 120
taagcactaa cttcctcctt ctgcatcttc cacagaagac ccacttgtgg gcattctctt 180
tctgtccgtt atcagtggtt ttacatccga aggccggcgg caagacactt gaaccacaaa 240
caccagacat gcaggtgtct caaatggcat gcagattatt taaaggtgca tcacttgggt 300
agaagcttct caaatttctt gacttgtcat aaccagg                                     337
```

<210> 3080

<211> 249

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23465

<400> 3080

```
tttcgcggtg gaggatcagg tttaatgggt actatgaggg tatcgtagat cgttccaagc 60
ccggcccccg ccccagccct ccctcagttg ggaacacagc caggtgccct cagacccctg 120
gttctgaaca aggggggggt gccccctcgc ccagctata tacacgacag cccatcctgc 180
tggccgtgga caaaagctgg gagctcctgt gccagtcag gagcccctac agtccaccag 240
ctgcgcggg                                     249
```

<210> 3081

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23490

<220>

<221> unsure

<222> (1) .. (299)

<223> n = a or c or g or t

<400> 3081

```
tttccagggtt gacaggtttt attccacccc cttccatccc catggccacc ccaggcagga 60
ggagacaggt gtgctggagt ctggtcactt tggggcccgg cgtgggcaga gccactggg 120
tttacattct ctgtgggcag gtgtggacac cagagggctg gggcaggagg agcgtgggag 180
cgagcggncg acccccgtct ctggcccggc ccctgggtaa acgccgactc agatgcctga 240
```

aacagacctg ggccgagcaa ggaaggttga tggattttcc acccagacag aaattcaaa 299

<210> 3082

<211> 219

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23516

<400> 3082

```
tttgggatct cagaaagggt tattatcaac tgaaggaggt aacatgtagc ctttgctggg 60
gacaaagatg tgacaagtct ctgccccatc ctaggtgctg ccctgcgtag ggatcttccc 120
aggcccgccc cccttgggaa gcctggtagc gctgggctgg cgtggaatcc tctggctgga 180
tccctcgtgg ttgctgggtt cccgccaggg ccaatactc 219
```

<210> 3083

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23680

<400> 3083

```
tttcggttgg ttacgacaag gcaaaacctt taataacatg agtgcttatt acattagctg 60
cttcggggct ctgacatctt tgatttcttg tcatgttttt ctaacacata aagatgaatg 120
cctccctcag ggccacctgg gcggtggttg gtttcctgag gatttgtgtg ggtagacaat 180
ggggacaact atgagcgcgc ctgatggaga ttcggaaatc cccctgggcc accacctgtg 240
acttttagta aagtcctctt ccaaggaggg aagaatgttg aggtccttcc agtaaagaag 300
gaagaaagga aaacatcttg cacagataca cagagagagg aatgacatt 349
```

<210> 3084

<211> 307

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23882

<400> 3084

```
tttagagtta gaacatcaag actgatcttt atttcaccca gaggcagagt gataaaatgg 60
cattcttctc tattttaaatt ctatcccac cttcttcttg tccttcctct caaggttgct 120
ggcagaggtg gttggggcta tgtgcctgga gtgaagattc tgcccattgg tcaagagacc 180
tccctctcag atgctggctc tgcccctgcc tttgggggtc gacccttgta ctgcaggac 240
cttaggtgac tagttgtttc ttcttttatt tcccctattc gtgatgatcg gaaaggtgaa 300
aaacctg 307
```

<210> 3085

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T23986

<400> 3085

```
tttatgggaa taaatacttg ttaaacttct cttataaata tgcattaaaa cgtccgataa 60
cacaagccaa gggctgtaaa attaagggtta aatcaagact gaatttccc cagggaccag 120
caggaaagcc agttacctaa aagagcctaa tcccctaatc cgctgaagg gtagggcggc 180
ctcagtcctc gggcatcttg aactggtcct tctccctgcg cacggcccgc atgggtggtca 240
```

ccgggtccgt ctcacctgcg tgctgctgca ccgtcttctc cctcactctc atgaaggggt 300
 tgtaggtaaa ctctctgccc aggggtggatg gcactgtggg ctccccgat 349

<210> 3086

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T24055

<400> 3086

tttatctttt catcaccatt atttattata tatgaaccag gttttcagca caagtcacac 60
 tcaacaccct tacccaacag gaggggagc ggaggctcag agagggagtg tagggggagg 120
 atgtcaatgg gagggcccag cctgagccct gagcagctgg ccagccagga actggcattg 180
 ttgagtgaga ggcatacctag tctctgctg ctgcaaagac aatgcccgt gaacaggatg 240
 gcaggccaca tcagcagtc atacagaagt gaggtgtcg tttcttcccc tggagcacc 299

<210> 3087

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T24068

<400> 3087

tttcaggtaa caaagtccag tctgttttat ttttaaccca aatattccaa atatacagaa 60
 aattaccagt acaaagttaa acacattcag atttatttac acaatgctaa agaaatttga 120
 gttttatttc cattttgttg aattttatca tggggtctgg ctttaatgtg taactgacgt 180
 gggtcactga aactcgatta tcccacctca catgcaattt tctgtcctaa gggaatagaa 240
 aacttgggtt tttagggcac atgcagtaat gatcttaata ctgctttaca ctttcgtggg 300
 aaggcagctg tcccacagcc tggggaagga ccacatgctc agaaagggg 349

<210> 3088

<211> 149

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T24106

<400> 3088

tttaacaata acttatttat tttctaggcc atgggagggc tttgggatac gattctgggc 60
 ccgaggactc aaaagggggc cgagggtcac tgtcagggg tctgcgtgac cacgggggtac 120
 agcagagcca gatgctcggc gcctgcac 149

<210> 3089

<211> 150

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T25506

<400> 3089

aagagatcag cttttattga tggaaattcc aaagtacaca gcaacacgca ctctgagagg 60
 ccttttctc ctgataatat ttacagagca ctatgggagt ggcagagggc atgggggtgag 120
 gccttcaagc agtggaggag aggcagcaat 150

<210> 3090

<211> 143
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T25725

<400> 3090

```
gcaattttaa taagatttat ttttttaaag gtgggttattt ttatttttttc caatgccaca 60
ggtataggag tgtatgaaga ggtaacatgt ctcctttttcc ttaaccatgt tttttttttt 120
tccttctgca caaaggtaaa agt 143
```

<210> 3091

<211> 244

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T25744

<400> 3091

```
catttttaaaa atcatttttat tgtcattttca tgggttaaaaa aacatacatg acatgactat 60
aaagtaatga gacgagttct caggtgtggg ttggattact gagtctcatt aatatatagt 120
cacaatcctg acttgagctt ggaagaaaaa tatgccttcg ctatatgatt atcaattttg 180
ttacttaaaa tttattgagt gccaacagag cactaggcac atatataaca cagaattata 240
cagt 244
```

<210> 3092

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T26366

<220>

<221> unsure

<222> (1) .. (223)

<223> n = a or c or g or t

<400> 3092

```
ccaaggcccc agggggggttt tattttttcct ttnnaacaac ccgtnccgggg ggttccccggg 60
gtctttttggc ccgaatgccg aagagccggg ggtgggaacg ggccaaacgg agactagcga 120
aggtttttgaa attgtttctt tccccaggga tgactcgagc tttctcccc tnaaagacgt 180
tccggacggg naagaccggt ccggtaaaact agggggggcca att 223
```

<210> 3093

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T26471

<400> 3093

```
tttttttttt aaaagcacia ctatatattgg gcacgacgga ttttaagtttt tcttggttgag 60
aagagtacat ctttccaaac tggacatcaa ggaattgcta cacagaagaa ccacatccag 120
gatagaaagg accagccaga gctcgttcag tagtgtattt cagaatcatc agggaggagc 180
cggtagcaga attatcccggt taacactgag accacatttc acctgttact tatttttcta 240
aatggagtag gagagaaaaga tgctaaaatg tgatcttgagg aggagtcacc cagtcctccc 300
a 301
```


<210> 3094
<211> 611
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T26513

<220>
<221> unsure
<222> (1)..(611)
<223> n = a or c or g or t

<400> 3094
tttttttttt ccaactactt ctagaccttt atttctctgt gaaaaggggg aaaataaaaag 60
gaataaatta aaaacggtac agttgacaca caaaaaaaaaa ccantgatgg ggaggacggg 120
aggtggagaa gtaaattgggg gaggggttcc cattacagna gtaggatcca gtgacccggg 180
atgctcacat ctctccctga tgtgggagga gtagccctt cctccaagg tcaactgtct 240
gtccaacccc gtgctccctt agcccggttg gaggtggctc agtgagacat cttcccaggc 300
tggggagagg aggaaccctc ctgggggaag gggngctggg tcagtccatc cacagggagt 360
tacagccaaa ggcccccccc gtnttttccc caaaaggagg gacttctttg aggggttncag 420
ggttgatanc agaggccagt gtttggtcct cttccaggat caggggatat naaagaacag 480
tcagagcctc cncggcaaag tttttgacgt ccacatcctt ggcccgggtca aattcttttg 540
gttgggtaga ttccatctca aagggnntct tgccagggtg gcctttttct taagggtttg 600
gccattgagg g 611

<210> 3095
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T26574

<220>
<221> unsure
<222> (1)..(407)
<223> n = a or c or g or t

<400> 3095
tttttttata taaaaaactc atttgttttt aaaagcatta acaagacaga aagaaaagag 60
aaaaggtagt gagcagaaca caagcccctt agtagtggtc ggtgggaagg tgggattttt 120
ggttctcttg aattgaatgt ttagtgtttt ttatcaccaa canaaaaaaaa caaagttaag 180
gggtcccaaaa agcccacggg tgttctatta cccacacccc accgagaaaa aagagcacca 240
cgaaaagagc agaagaggac aagagagatc aagagtggag ccaggtctgg atggggcaat 300
tcaccctgtg cagtgtctc tcagggtcac agagagcaaa ggctcctttc ggcagaaaag 360
gtagatgaaa gtcgcaagaa atcgcaaggg ggaaangggg aatagga 407

<210> 3096
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T26646

<220>
<221> unsure
<222> (1)..(406)
<223> n = a or c or g or t

<400> 3099
gagaagcagg acatggaaga catgggaaga agcaaatcat aataatgcct ttnagtctga 60
acttgatat aaacttcact cgtatccagt tactaactct catcctactt aggaatttcc 120
aaattgttaa taactttctt agaagcagcc tacaatctct atgttgccac cagaatgctt 180
gagttgtttt tttcttctgt aaaatcacct tggaccaac caggacacca ggtccaggaa 240
tctgagttgt tgagttttac atgatttaag tttgtaatga aaatttcttt catctagtaa 300
aggtaattac tattcaatat tattatgtcc agaagtgtat atatgctgag tttcattcta 360
gctaagaata gaaagtagaa taaaaggaga ctagggtttt atttgacctt tgacaaggca 420
gtngtccttg atactgagtg actctttag 449

<210> 3100

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T30341

<400> 3100

gtcattactt aggatgcact tataggatct gaaaagctca ctttaaactc atactacatt 60
cgttacgagt attttacggt aacataattg aaaagtacaa ggtccaagct ggctttcaaa 120
ttatgtctaa acagaaatgg gacaaataga cttgaaaata gaagggattt attccacccc 180
tgcaagggtta ggagtcaggt gagagtcctt tgggtgagtc tttgtacatc agtgtcattt 240
cttcttaacc tctgaagaag atgggcatca gaaataaaga caaagcactt ttc 293

<210> 3101

<211> 169

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T32072

<220>

<221> unsure

<222> (1)..(169)

<223> n = a or c or g or t

<400> 3101

gccttacttt aatgctgacc tagcagcccc gacaggaagc tttaacataa agccttgacc 60
ctgagaagca tgggtgcgtc ttgtcgtgag cagggttcag gctgtntccc atcctcagcc 120
cgctgatttt tggctctttg tcctttgatc cagcagttcc cacgtggat 169

<210> 3102

<211> 186

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T32108

<220>

<221> unsure

<222> (1)..(186)

<223> n = a or c or g or t

<400> 3102

antccagtt tatttttttta agactaagag cagagtatga aagtcacagc caaagcactt 60
gaaaaaggcc caggaggata ggtgggacca cataggggtga gcagggaag gtcctgggag 120
atgggtcccg gctcagggct ggaagggagg gggcgctgtt gttttacggt ctccaaaagt 180
gtctgt 186

<210> 3103
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33011

<220>
<221> unsure
<222> (1)..(223)
<223> n = a or c or g or t

<400> 3103
cagaccaaaa accttctgtt tttaggaaaa aagaggaaga tttagagacg atggagaggt 60
gaatgaagca cagcacgagc ccagctgggc aggggccctt nagggacggc tcaaccata 120
ggctccggga gggcaggagc cagccccctc aggtgggggt gattctntca agcactgcac 180
atggactcgg aagtgagaag aaaagcagag aagagagagg cat 223

<210> 3104
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33489

<220>
<221> unsure
<222> (1)..(336)
<223> n = a or c or g or t

<400> 3104
attttacaac agtaatcttt atttttaggcc aacattcaga catacaagac ggagatcacc 60
atgcggaacc agcctggccc ttagatgtgt gtgctcgagc caggntcagc cggagtctga 120
cagcgccctgc accccaacac ggtcggattc caggacgcca gtnacaaaac cagtgcattg 180
acaagcagct tccatgcgtg tgcatttgat ttttaaaaac aatacatatt tcagtgttaa 240
cttccccctt cacttggtt gaaacatttt ccccatcttc cagggaaaca aactctacca 300
aaagggtgccg nctgcaggac cccgggncca gccctt 336

<210> 3105
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33508

<400> 3105
acacaaagct ttttgagttt tatttttttc ctcaggttgg agattcatcg taacatgcat 60
gcattttcaa acagtaacag ggtctcaaac tttttaaaagc agacgttaga caagcacagg 120
ggattgaaaa ttcccattta aaaaatggaa actgcagtgg gatatggaga agtcacacac 180
ttggtgggggt ggtggtttgt cctgcttccc caaaagggtg atatgaactt aattcacatt 240
ttttaatttc agtgatctga cctgatgctg ggatgtgccg agcagtactg cccctctccc 300
caagggtggt ggctcccacc g 321

<210> 3106
<211> 163
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33619

<220>
<221> unsure
<222> (1)..(163)
<223> n = a or c or g or t

<400> 3106
ataccttttt attaattatn aggaataatc cattcatgta atgcaggntg tatgtnggag 60
aaggttaagt acagccacat gaatgagggg aaacgtgcaa gaggaacagt ggtgagaagg 120
gggatggtcc cccactttcc acaaaactata aacagcaaca tga 163

<210> 3107
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33625

<220>
<221> unsure
<222> (1)..(338)
<223> n = a or c or g or t

<400> 3107
gctgtgcagt agtattttatt gttacagtgt taaaattcac nctcggggaa gcgatttggg 60
gccacggccc tagaaactgc atctttgttc agagccaacc catttctnt gcagccacaa 120
aatgcctttn tgtgtcaggg ctcgaggagat tctcctcgtt ggccagccat tggcaagaat 180
gccagactca gaggttgcca ttgccacag gctttcttct cctttccttt cacagcagga 240
agagccctcc ggagcctcga aaagcagagt ggaagtgggt gtgcccagga cgnatnggct 300
ctnatgggaa gagggaggtg ggcctgagca tgggcctt 338

<210> 3108
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T33859

<220>
<221> unsure
<222> (1)..(298)
<223> n = a or c or g or t

<400> 3108
gcatttcctc tacattttatt gcaacggnta aatgnttaac aacattcaca acttctnaga 60
tcttaaaaaa cagaaacaaa agaaaacttc cattttgtaa catcaçaaat gtnttctagg 120
ntttatcaag gnccaaaaaac actacaattn tntaagtgat ttccagtgat ggaaacaagc 180
cagagacagt aaagcaccca gagtggcgag agagcacttc cagatgcctg tggtcctctc 240
gggggtgacc ctggaactat ttgtngggcc gnttgtgtct gtacatctgc atcatcct 298

<210> 3109
<211> 268
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T33865

<220>

<221> unsure

<222> (1)..(268)

<223> n = a or c or g or t

<400> 3109

```
cagataaaca gtatgtggtt tattcacaca atgaaatatt atacaacccat gagaatgaaa 60
atccatgtac aaatacatgc aacaaaaatc tcacaaacat aatattggtg aaaagaaacc 120
agatacgnag aatgcataat tccatttata tatctcccca aaccagacag nnctaatacta 180
tgcgcttnga actcaggata gtgggtttccc ttgngaggt agttaactgg aagggnntct 240
gacggggggc ttctggggtg ccgattgt                                     268
```

<210> 3110

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T34377

<400> 3110

```
gggagggggt attgggtagg accatccaag aaagggcaga agaccaaggg cagtcgggggt 60
ctagaaagga gggcgctggc cctgctgggc gcttcggagc cccactgtt tccactcag 120
ctttgtgctc agatcccagg tccaaggag tgacaggggc ttctcccccac cttctgtcct 180
tgtccagtca tgtaataaat gtgctatttc tctccccgag tctttttttt taaaacctac 240
cgtggttcct cagctaactg cattccctac ccaggcagag actgtcctat gcctcgagct 300
tccaaacgag attcagacc                                     319
```

<210> 3111

<211> 151

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T35341

<400> 3111

```
accagatgag gaaatggcag ttctgagaag tcaactggtct agatcccgcg ggtggcacat 60
gacagctagg gttcaaaacg ttctcaccaa atccaatgct cctcacatat taattttata 120
accagacaaa taaatattag agacaaccac c                                     151
```

<210> 3112

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T35725

<400> 3112

```
aaaatactgt gtacccccct ccccccccat gaaatgcagg ttcactaaat gtgaacagct 60
ttgctttttca cgtgattaag accctactcc aaattgtaga agcttttcag gaacccatatt 120
actctcatga tacttcatta atctccatca tgtatgccaa gcctgacaca tttgacagtg 180
aggacaatgt ggcttgctcc tttttgaatc tacagataat gcatgtttta cagtactcca 240
gatgtctaca ctcaataaaa catttgacaa aaccaaaaaa aa                                     282
```

<210> 3113

<211> 241

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T39897

<400> 3113

```
tttaatccta aaggtggctg taatcatgaa cctagggcac catggggacc tgagagggaa 60
ggggacagat gttttctcatt gcataatgtc acagttgcct caaatgagca ccatttgtaa 120
taatgatgtc aatttcatga aaagcctgag tgtattgcat ctcttgattt aatcatgtga 180
aacttttcct agatgcaaag gctgactaat aaagacaaag ccaccctgaa aaaaaaaaaa 240
a                                                                 241
```

<210> 3114

<211> 153

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40439

<400> 3114

```
cttgtagctg tctcaaggca tttgtggatg agcccagttc cttaaatatg acaaaggcct 60
cccccttcat cttcatggtc tttaaagcca caatgtccac cacatgacca aactgagaaa 120
acagggcata tagggatctc ttcaatctcg tgc                                                                 153
```

<210> 3115

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40849

<400> 3115

```
tttcgagaga tttaaagatt ttatTTTTTtac aaatcacagc tgatagacag cgaccgttcc 60
ccatagagac cgtgctccaa ctggggcctg ggcaactgtc gctgctccca ggaagggggg 120
ggcgtgacag gcaggaacct gcgaagtcca gactccaggg tggagcgcgc cacgctcagc 180
cagagcagcc acgacagcca cagtgtgtgc actcagatgat gcggccact tccagcttgc 240
ttttgggcac gcggcagatg cagttcgtcc cgaagttagt gtcccgtgtc tgaatgcacc 300
gcagcagcac aagttctcat atccttgctt tttccatttt gcaatca                                                                 347
```

<210> 3116

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40895

<400> 3116

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ccatcaatcc tttcattcat acgttaacac atatcactgg tttaattcat tgaaggcaaa 120
tacaagtttt tcccttactt tccttccaag attccactta ggctgggttac cccaaacgta 180
atggagaaac attaaatgtc actttttaac cactttttaa ccagtcttta attttcaatt 240
caggtgtgag gcacatatat acacacaaac a                                                                 271
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<210> 3117

<211> 337

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. T40936

<220>
<221> unsure
<222> (1)..(337)
<223> n = a or c or g or t

<400> 3117
tttattcaga attgngngtg tcttattctt aaatttaaaa aagcatcttc agaaggtgcc 60
atatccatcc cctcgggcag tcaactgcaa agttgggtag acctcatagg ttgtatatgc 120
tgctaagtct tgtccaaggg ttaccgcttg cttgagctgg gctgcagaca cgggtgcagt 180
tgcattaggg acagcatatc ctgggaaagc agtagcagca gcagcagcag tagccatggt 240
gccatgcct ccatcagtgg ggatgccagc ggtctgcagg gtgtattcgg ctgcatacgt 300
ctttgcttca tccacaaagg cactcagctt tggaggt 337

<210> 3118
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T40995

<400> 3118
taatgggttaa ggaggaaggt ttattggctt caattcccca gttgatgttc aacactttat 60
ttagtctca tttggatttt aaacatttgc ttgacaaata atttcccatc aatttccatt 120
tctttggaaa gctcccacgt gtaatttatt tttaacatct ctgaagagca gaattaatga 180
tatttcctag ctgttgctcc agatcatgta gggtagagga ggctgaaaac tgctacaagg 240
gaaggcatct gtattgtttc aaaacgtcag gacggtacgg gatactcttt ccagagcgac 300
gagggtcaaa tcccttcatt tatttttttc aaaagggtaa aac 343

<210> 3119
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T41047

<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t

<400> 3119
tttttcggtg gaagaacttt tattgaacag taagattcaa gatttcacca gggtnagagg 60
gggaattgaa aattagtaga aaaattccaa ggggaccagt tagccacaac aaagaatggg 120
gttcagggaa cttcttaggg atgtatcttc ccctcaatac aggtagagga gcagcatcag 180
aagcagggct ttggagagag gcatagaaga gaatcacctt ctcttgccc acgcaagcta 240
cctgggtgta cctntcaagt tcaggggccag cttcttggtc cttccccgct cttggtagat 300
gtaaaagggt tc 312

<210> 3120
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T41078

<400> 3120
 tttttttttt atcttttagtt tgtaaaagtc ttttattgta accgtgccac acatagtga 60
 aaataacact cctaaaaaaa gaatgctacc ttttccacaa catTTTtattt taaataaaac 120
 ttcaagtact cttacgtagg tacaaaaaaa atctgatcta tttgcctcca acaggccacc 180
 acaacacaca gtagataaaa cacagtgggtt acaaacgtct tttaaattta tttctgaggc 240
 aaggcaaagt ggaggggaaat gtttctttga aaaaatactg tgtgcgtagg aaattgtcac 300
 atttttattc cacatggata caaatgatta tactttaatt t 341

<210> 3121
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T41232

<400> 3121
 ttgctcatca gttatcggtta gtgtccgtgt attttacgtg tggcccaaga cagttcttct 60
 tgttccagtg tggcccaggg aagccaaaag attggacact cctggagggtg cagcacagta 120
 tctaactact cctcaatact ttttccaccg aactacgtaa gaccagccac agcccagaaa 180
 aagaacttcc cacaggaaaa ggaggaagag gaaaatttgg aggaaatcta cgaggagggg 240
 attggccaac cgcaagtcag catgggatgc tggacacctg gccgagcgag aaacagaaac 300
 gtgagaattt ggaagat 317

<210> 3122
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T46901

<220>
 <221> unsure
 <222> (1) .. (459)
 <223> n = a or c or g or t

<400> 3122
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 agcagaagag gctcaggact ggcagccgtg ggtgcgcata tattccaaaa attcctccag 120
 ttggtcccgc aattctttct tgctggcatc tccatctgct ggccaaagga tgaggaacgt 180
 ctcttgccc agaacatagc tgtaatcaga tttgattctc cacaggctctg acgtctggcc 240
 catgatgagg tacgattcct gttcttgcaa ccccaggag tcatggcaag tggcatggga 300
 gacgaatttc ttcattggcca ggggtttggc agggctccgt ccaactotaa tgatgtcttc 360
 gagctgctg ttntaataga cgtaagggtt gggangcaga gacctccaca agattcccag 420
 ctttntcttn tacacaaaat ccacgcctnc ctcacatgc 459

<210> 3123
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T47032

<220>
 <221> unsure
 <222> (1) .. (337)
 <223> n = a or c or g or t

<400> 3123

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 ctggnggggn gggngagggt aggcctattc agangcaagg ccagcaatgg ggctcccat 120
 tatccccacc cctttggnc cagtccctt ntctgcaang ggcacgcata gaggagagac 180
 aaaggggtntt agacgcaaca tcattggccc aggggagtcc gagaagagct gccattggct 240
 gacagggcat tttcaggctc tgtcattggg cagggagcac accccagcct gaagngtgat 300
 gccattggcc aggggagtgg ttttgtcana gccgttg 337

<210> 3124

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T47325

<220>

<221> unsure

<222> (1)..(325)

<223> n = a or c or g or t

<400> 3124

aagaactaan nagtttttta ataaaatgag caagtttaca tttgtacatt ttgtgtatct 60
 gggacccaat cgggacaaa gataaagttg caaggacaaa ggtttctgtg ggagagcaag 120
 caaaaagcaa gggctgcccc agttgcatca tgggcatcca ttcagagctg ggaccccgca 180
 gccacctgcc tgtgctccgg aagtgagaag cacatgtaag cacgcgtcag tgagagcgct 240
 gcagttgaac tcagcccagt gcaacgcagc cctgagtgaac atccctacat taatacttga 300
 tagggaacag cagataaaca gttcc 325

<210> 3125

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T47601

<220>

<221> unsure

<222> (1)..(289)

<223> n = a or c or g or t

<400> 3125

aatacatctt attgtgtata tttgaggttt acaacatggt agtttgggat gcatagaaat 60
 aataaaatgg ttactgtagg gaagcagatt tacatatcta tcattctcac acaactactt 120
 tttgtgacaa aagcagctaa aatctactta gtttaacaaa tccctaatac aattttatta 180
 accttagtcc tcatgttata cattaactct ctacacttgt tcattctgca tatctgctat 240
 ttngtatcct ttgacctata tctctgtttc ctctctctgt tccctacca 289

<210> 3126

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T47778

<220>

<221> unsure

<222> (1)..(415)

<223> n = a or c or g or t

<400> 3126
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 ggatacaaat taaaaatcag aaggcaagac caccaggatt aaagatgcaa cttagatcaa 120
 atattgacca aagtaaattg gttgantttt gantatagca tagatcatac ttagtgagag 180
 gctttcgaac taacgactta catttaataa tanttagcat gtcacagatt atagtattatg 240
 attattagga aaaatgaagt taaatcaata cttggggaga ttgtttatta atgtgtgaat 300
 tatgtctttt tttaatattc ataaatagtt ttaaaatttt aaatgtgttt taggaaggaa 360
 ttgggttcct cccttggggg gcaanaata ggtgtgccat taccacgtct ngtgg 415

<210> 3127

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T47969

<220>

<221> unsure

<222> (1)..(299)

<223> n = a or c or g or t

<400> 3127
 ttttccatgg ataaaatcgg catttattca gaaggcatga tgcaggaaga aactcccca 60
 gtgggagaca atggctggcc cccctgcaag gaaacaaggc ttcanccttc cctactccca 120
 gacctgccgg gaaggctggg agcacagttc atggaggggc tctgggggtg gcctgggnt 180
 ctgacctgtc cctntgcca caggtgaatn tgacctgctt cctnaggatc ccgagtatca 240
 ggagagctgg cagaggaagt catgnagagg caaagcaggg ngcccnaca ggagatccc 299

<210> 3128

<211> 526

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T48039

<220>

<221> unsure

<222> (1)..(526)

<223> n = a or c or g or t

<400> 3128
 gtgcttggtta catgtccctt taatgtccca tccattgccc atgaaaancc cagccctgca 60
 ggaggggtcg ctaaggtccc agctcttctg gggggcttct tgtctctgat gtgccccatg 120
 gatccagtcg aggtagcggc tgacttttgg gttaaagcgg tagttgtgaa ggagcccaca 180
 gccctcaccc cagctcacca ggcccaccag gaaccagggt ccgtggaagg aggcgaccat 240
 gggcccccca ctgtcgcttc gcaggcatcc tgcgggtccc gaggatgccg acacagcatg 300
 ttctcagaca ccatgttgct catgacctcg ctgcactcat tgtcgggacc acgggaatct 360
 tgatgaagtt gaggacgaag gtgcgggttc tcttgggctc cttctctcgg ctgntgtggt 420
 agccccagcc cgtacgaggg tttctgggnc ggcttattaa gcttgcgttt tnaaaggccn 480
 ttttccggag aagatgggaa tatggtttcg anaggtggcg gttgga 526

<210> 3129

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T48075

<220>
 <221> unsure
 <222> (1)..(282)
 <223> n = a or c or g or t

<400> 3129
 agacttttatt caaagaccac ggggggtacgg gtgcaggaag gggaggaggg gctgggggga 60
 ggccaagnaa ngaagcatgn caccgaggtc cagcttcacg gtatttgagg gtagcacggg 120
 gctcacagaa agcaggaact tgtccagggg ggcgtcacc aggggtgaact cggcgggggag 180
 gtgggcgcca gggtcaccag caggcagtggt cttaggagct tgaagttgac cgggtccacc 240
 caagcttgtg cgcgtncacg gtctntcaggg ngacangcgt tg 282

<210> 3130
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T48195

<220>
 <221> unsure
 <222> (1)..(450)
 <223> n = a or c or g or t

<400> 3130
 ccagcaggag aatatgcagc gcagagccga ggagaacccc cgtccctga ggaggacctg 60
 tccaaactct tcaaaccacc acagccgcct gccaggatgg actcgctgct cattgcaggc 120
 cagataaaca cttactgcca gaacatcaag gagttcactg cccaaaactt aggcaagctc 180
 ttcatggccc aggctcttca agaatacaac aactaagaaa aggaagtttc cagaaaagaa 240
 gttaacatga actcttgaag tcacaccagg gcaactcttt ggaagaaata tatttgcata 300
 tttgaaaagc acagaggggt tctttagtgt ccttgccgtt ttggctatta ccatgtcttt 360
 tcttggcctt nattanntta nancaaattc tttgnnnnnn nnnnnnnnnn ncttcnngg 420
 gggggggnccc gttccccatt tggccctttt 450

<210> 3131
 <211> 216
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T48278

<400> 3131
 ggaaaacaaa agaaccagcc attttattcc aagacctatg ttctggggca gcaggaataa 60
 ataagggaagg gaggggacgg gggcagggag gtaggttcta cgtcttgacg cacatcccac 120
 actttgatcg atgacagcag ccgcagcaga aaatgcagat ggggaagtgg gtgtctcgcc 180
 tccttcgcct ctggaacatg ggcacccagc tggccc 216

<210> 3132
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T48293

<220>
 <221> unsure
 <222> (1)..(407)
 <223> n = a or c or g or t

<400> 3132
 tgtaattttg ngnatttttt ttatttagat actgatgttt attttccatg ttgcttaaga 60
 acccgtgcaa gaacagctta agaccttcca gtgggtgtct ctaccattc agtggcctga 120
 gcagtgggag ctgcagacca gtcttctatg gcaggctgag tgctccagtc ttcagaaggg 180
 aactgctgaa gaggcacaga aggcacctgc atgccttcag atcagtgtgc aacctcaggc 240
 tgagtagcag tgaactcagg agctggagca gtccattcac actgaaattc ctcttggnc 300
 actgcctttt cagtagcagc ctgctcttct tttttaatca cttcagggat ctctgtagaa 360
 gtagagttca ggcattgacct cccatggntg ttcacgggaa atggngc 407

<210> 3133
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T48980

<220>
 <221> unsure
 <222> (1)..(342)
 <223> n = a or c or g or t

<400> 3133
 tttttanttt aataattttt aagtttaatc nttttaantt ttaaaaaaa acccanttaa 60
 caggtacant tttggtctaa aatgggtcct ctgctgaaag atcatccgag cagtccccag 120
 tacagcccc actttttggc agaggtaggg taagggttat gtgcaccctc ctccctaccct 180
 caattcattt gtgtcataga gggagaaagt taaaagctca gctttggttt ctggcccaag 240
 ttaggggagc ttaggaaaagg ttagccttgg gtccagcttt gggcagggaat gagggccac 300
 agatggggac aataagggca caacctggg gctctgggag ga 342

<210> 3134
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49061

<220>
 <221> unsure
 <222> (1)..(351)
 <223> n = a or c or g or t

<400> 3134
 ggaccaaaga acttttatatt tatttttaaat atcaaagtaa cacaaagaac tagttcaata 60
 tacagtacac ttcttactct tcacagagaa ctgaaatttt ctataaagac atttatactt 120
 aggaaacatc agacaaccaa agtatgtata aaactcacia gatattttac acacagttca 180
 caataattaa ttctgatatt ttaggnnttt tctgtcattg cttttaaagc atccttaatt 240
 taaaaacaaa aattattatt tgaggactgg aaaacaggtg gcaaaggcat ttctactttt 300
 aattatacac tggtaaatcc ccccttaatc caaaacattt tacttncaca t 351

<210> 3135
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T50773

<220>

<221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 3135
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 catcatccta cctcagcctc ctgagtagct gggactacag gcacccgcac aaccacacct 120
 ggcttttatg aacattttta ccttggtcct tntccccaca gacaagcctg gggacaggct 180
 gtgggtcttc ttcaagagga tgtcttttga ttcgaggaac caggccttgg tgcgcggacc 240
 caggtccttc aggtggtcgt catagtaggt ctgcatgaag ccccggaagg tgctcgggct 300
 ccagaacctat tggcaccgt ctctggtcct gttcaccact gtctccagca gctccttcat 360
 cctgccccctc accag 375

<210> 3136
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T51150

<220>
 <221> unsure
 <222> (1)..(409)
 <223> n = a or c or g or t

<400> 3136
 taatggagag ggggatgttt aatgagttcc gagcttcagt ttgggaagat gaaaattctg 60
 aaggtagata ttggtagtgg ttgcagaata acatgcatta cttattgtta cttaatgcca 120
 cagaaaccta tgcttcaaaa tagttaaaac agtacatttt atgtctattt tatgacaact 180
 tttttaaagg gaggcaaadc atacaatggg ggtgaaagca gttaggccct tgtactaagt 240
 tttgggaaca atgtaactca atgtttctac accctttaga gaggagctca gagacatgaa 300
 gtaaccctat ccgtccggga acctacattt tctttgcac ccagtggggg ctccctctcc 360
 ctgaaagtcc catgtgttca cagtttnaca aggttttacc tggggaatg 409

<210> 3137
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T51617

<220>
 <221> unsure
 <222> (1)..(469)
 <223> n = a or c or g or t

<400> 3137
 gaatacaaat aatctatttg tcaatgaaat aaacacagct ctttgaggat ttgagactac 60
 attcaccctt tattcacagt cacttgacgt tttgcttttc tctgcatttc tctgctgtaa 120
 gatgactggt gcattgttaa attgtatttt gaatggatat ttttgtttgg taacaatatt 180
 ttaaattgta aaacgtgtgc ctttgtcctt tctcttcctt ctaaacaatgt atctctccca 240
 caggtcattc tctgttcacc gtgtgtactg cagactgttt caaaaccggg caggcaatta 300
 ggcaatgggg aaataagggt ggtcccaccc ttcaatatatt gcttggttgg ttccatttac 360
 catgcctctt gggnacccaa tccctaggac tcacggtggt gccccagga ataaccattc 420
 aggactctca gggtgggggc ttggtggttt accaccatcc cnggggggc 469

<210> 3138
 <211> 444
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T51930

<400> 3138

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ctgtcgccca ggctggagta caatggcgtg atctcagctc actgcaacct ccacctcccc 60
ggttcaagcg attctcctgc ctcagcctcc tgggtagctg ggattacagg cgcgtgcacc 120
acgcccggca tgagtggaat tttagtgtta aatctcttcc tgactctggg ttcagtaggt 180
ccctcctctt ctgttaccct cctggttctc tctgttcacc aactacctgc atgtgccaaa 240
ctagaaaaag gaaataattt acaccctgc ccaacagct ccttccctcc tagggacttc 300
tgtgtccacc cccacttttg ggtcttagaa ctgtggctag aagataaaaag ggaggagttt 360
gagtcagagg ctttatgtcc ccaaacccaa cccctctga gtattaaact atagtgggca 420
ttgtccctca agtccccctc tgcc 444
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<210> 3139

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T51972

<220>

<221> unsure

<222> (1)..(430)

<223> n = a or c or g or t

<400> 3139

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tcattttctt ntttttattt gtcaatataa aaataactcaa atattttacaa caaataaata 60
cgcggggaca caataagtta cactgttagg agccctctc ctagggctgg aagagagtat 120
gccattgtcc acagcaggcc caccctctcc cttctctccc ctcacacagc ctttcccagc 180
cctgtacagg aagaaggcaa gtataaaaata cactgaacc ccggggccaa gtgggaggcc 240
ccaccacccc ttccccccaa acacacagga ggctccatct cctccccccc accctgaaaa 300
cattcacagc cctaggagca ggantaggcc caccccaagc cctgcantcc ctntgaaggg 360
gcacagcacc ctgtccaccc caccctcnta tgtacatcgt tgcccagacat tcggggggcag 420
tggggggtag 430
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<210> 3140

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T52564

<220>

<221> unsure

<222> (1)..(435)

<223> n = a or c or g or t

<400> 3140

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ccagtanctn nacataaggg aaattaatca gttaatttct gctgacttag gtttcctaaa 60
cagcttttag ttctcaaggc acagctgtgg taaaaacaga gcaaaacacc cagccattta 120
ttggaattct gcagtacaaa ataagcacat gtctctatat aatctagtaa caggatagca 180
acagttaaac tgtctcaaac aacagatgta tttgcttgat tttccttctt aacttctttt 240
gcacaggagc cgcaagcaaa gagcttgttt cccagagtat tttggggcaa atcgggaaat 300
acataatgtg ggcccattgc cacaaaaggg aggactggaa atcaatacgg aggcaaggcc 360
caaaaggctt caggggatttg ggagccgggg ggtggcccat ggatggaaat gccgggaggn 420
tccaggggag ntagg 435
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<210> 3141
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T52813

<220>
<221> unsure
<222> (1)..(391)
<223> n = a or c or g or t

<400> 3141
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aataacataa aaagcattta tccttcctcc ctagtgc aaa atggttagacg catttagata 120
attcacacag tgttggaat gtcacgacaa tgcagtgtg cacagagaga tactcaatcc 180
caaactcctt tgggtggatgc ttgtggtagg tcagttctag atgtcagcgg tttctctgaa 240
gttaagtcca aataaaaaaac agcacgtgct cctgcactct cccagcggag tcaggctcct 300
gtgcgcgcgc cccctctggt ctctcccttc cttctcggtc tgtctctgtc tactgcgtnt 360
ccctcccact ccgctgggtct cccacagttc c 391

<210> 3142
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T53404

<400> 3142
ctgtagcaat gaaaattttt aatttgaata aaaatcacgt aagcatgagg ttgttgggga 60
acacggaaag gaagggctca gattaggggg tgtagcacat ttatcaggag gtaagatctc 120
catagtctcc taccctcctt ggccctggcct tttactgtgg tatccagcct ctgggaagac 180
cttgtatgga cagtatctcc actggggcta tcactagggtg accaggtagg ggacagagta 240
gagcagccaa tgaccttaac tcaaaatcct ttctctccct tcaacctgtg aaaaaagatg 300
actgggcaca tactcagatg tcccctgggc atagcaccat cttgttggcc agtcacaaac 360
accagctcct agttaagagg gcctggggtt aaactcgtgc cgat 404

<210> 3143
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T53590

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 3143
ttnggtatgt ggttcagctn tttatntct ccatgggggtg ggtgaagagg agtggccccag 60
ctgagctgag gaaggtgacc actgagaacc cattcaacct gctgagcagc ttgggcagaa 120
aggagcagga cttgggacag acgactgaag atgcagagac cccatggggc ccaccctgg 180
gccttctctc catntggctg caggcatcct ntntnatcan tgcctgggtt cttcctgggt 240
aaagggccan aaggtnaagg agatgggntt ttcangcatc agaagtaggt tnaatttgggt 300
gcccacatc 309

<210> 3144

<211> 163
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T54160

<400> 3144

```
acaaattgca gtttattaag gctccagagt gagaaatggc acttggttct gggcaggggc 60
aggggcaggg gtgtcagtg aacccaaagg agctgggtcc aaacatgttg gagggacctc 120
ctccatcccc ctacccccaa taaataaagt ctcagctcca tct 163
```

<210> 3145

<211> 315

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T55004

<220>

<221> unsure

<222> (1)..(315)

<223> n = a or c or g or t

<400> 3145

```
tttatatttt tattctttat ttttaaaatt tatgtatggt cgtgaggcac aagtgcaatt 60
ctgctacatt gatattctgc ttctcagtc cacacaagga agctgtctca cactatagag 120
anaatattca tgaacaaatt cgtatcagtc acagtggag gtaacactct aaatagcca 180
tttcatgctc aagacatcca agtcaaagaa acccaatagc acagctgagt cccctctgtt 240
cccccccaa caccacctc acatcagggc ccctgcctgg gaggtgtcac ctttatttagc 300
tgtgaggaga cacc 315
```

<210> 3146

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T55196

<220>

<221> unsure

<222> (1)..(395)

<223> n = a or c or g or t

<400> 3146

```
tatnnccagt caaataaaacc cttctttatt cgtacatagc tgcagtacta gattggaatt 60
cacttcacaa agagaaaaat acaagccaat aaataacttga gaactacgtg atcttacatc 120
tcagagagtg tgggctggag aggctggta cactggagag gtctactaca ctggagatgc 180
ccactacact ggagacgccc actacgctgg agacgcccac tacactgggg tctgggtggc 240
ggcgagtgag gggacctgtc tcacatgggt gagggctctgc agcacacaca ataccagat 300
gttaccaagg gcacaggcag atggcataat tgggtgagga aatcaggaaa cagggaacaca 360
agtttacagg agggaaagaa aaagaggctg gggcc 395
```

<210> 3147

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T55547

<220>

<221> unsure

<222> (1)..(375)

<223> n = a or c or g or t

<400> 3147

```
tttttattgg atttaaatat tttattttaa gaaatattct taaggctgca gtttattgat 60
aagaaaaata taaagcatac atgtttatag attatgtatt gacattatag tatatagatt 120
ctccaaataa cataattaat tttgtagtgc tactagtgga atgcattctg cagaaacatg 180
gctttacott caaatctaag cacaataccc ttacatcaaa aatgaaggat aataaaagca 240
caactttgac tcattttaa tttgggaggc cacatctgga tttgttgagg ggggtaaatt 300
cggtttattt cctcttcag gggaggncat tattttttgc catctcttc nggggcccc 360
ttttatccct nttaa 375
```

<210> 3148

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T56264

<220>

<221> unsure

<222> (1)..(370)

<223> n = a or c or g or t

<400> 3148

```
ttganttnng ntttttattg aaaaganttc aggctagant tgggaggagg atgcaagagc 60
tactgggaag ggggagctca gtctgaacct ggggntcag gggantagg gantntcccc 120
ttntccactg atgggggntn tggctnttac tcctctccct tcagcacaga agaacttgg 180
tcagtaaaaa tgcctntnta agtgcctcat gctgctgtgc ttttgcgtga caagtccctg 240
agtttctcat ctacagcggg caggatgtgc ttctcgtaca ggttctgggc ggctgtcttt 300
gctgactccc agtaactggg agagagattc cttcacctgg gttaagggaa ggntcgggct 360
aangcaactc 370
```

<210> 3149

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T56279

<220>

<221> unsure

<222> (1)..(306)

<223> n = a or c or g or t

<400> 3149

```
caaaacttta tttatganta aaaatgaggt aaaacagtan ttgaaaaatg aanttgaana 60
caaatataat agtaaattca gaaaaaggtn tgcattttac taatagtaat gccattgatt 120
ctatTTTTtct tcacaactgg gatataccag tttcccatc tgacacattg ctcgaaatga 180
atgagatttt gttggatgat atccagattt acaaacaaat tcaactatgg tcacctgttc 240
ttgaataaag cttttgttgg gtttgtccac ttttaattta tggtnatatt tttccataat 300
ttctgg 306
```

<210> 3150

<211> 470

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T56281

<220>
<221> unsure
<222> (1)..(470)
<223> n = a or c or g or t

<400> 3150
caggtntatn ttntttaatt atcactcaca tatttcacag gaaaaggant ntagcaaattg 60
ggtcaagggtg gtntaaaaaa aaaatccagg tttntacatg tctctctgtt tacatctggg 120
agaaagggttn tcctggcatc agtcgcagca gctgcacttc tctgacgccc ctttgcaaac 180
acagccctgg gcacacttgc tacagcccac ggggaggcag gagcagcagc tnttnttgca 240
ggaggggtgca tttgcnctct ttgcacttgc aggggaaccag cgcaggggtgc agggagacac 300
cagcggggcgc agggagcagt tgggggggcc cattgcaagc ccgagggaga gactggggact 360
tttcccaagg agagaagcga aggaagccag tggggggcag ctcgtgcccc anttccttca 420
gccccggggg gntcccccta gttctaggag cggnccccac cgggtgggat 470

<210> 3151
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T57140

<220>
<221> unsure
<222> (1)..(447)
<223> n = a or c or g or t

<400> 3151
agatattgat atacttccta gtgggctggc ttttatctcc agtggattaa aatatccagg 60
catgccaaac tttgcgccag atgaaccagg aaaaatcttc ttgatggatc tgaatgaaca 120
aaacccaagg gcacaagcgc tagaaatcag tgggtggattt gacaaagaat tatttaattcc 180
acatggggat cagtattttc atcgacaaag acaatactgt gtatctttat gttgtgaatc 240
atccccacat ggaagtccac tgtgggagga tattttaaat tttgagggaa caacaacgtt 300
cttctgggta ttacctggaa aactattaaa acatggaact tcttcaaaag tgttgaattg 360
acnttgtggg ttcttgggac cnggaacatt tttttggcca ccagagacca nttttttacc 420
caantccctc ccgttcnttt tttaggg 447

<210> 3152
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T58032

<220>
<221> unsure
<222> (1)..(286)
<223> n = a or c or g or t

<400> 3152
tttttgcggt ngntcaggaa gcctttattg agggccttct tgggtgtggaa gtgctgcact 60
gagtctgcag ggacagagga atgggcagga gcggggcccg gggtagacca cctggcaaga 120
ctggcaaggc agtgggctga gtctgccaga gaagatgggg agctgctgcc cggccagggc 180

atnggcatct gggctgagaa gggcaggagg gtgggtgaca acaatgtgca ggtctntggg 240
 ggacacagcg gcagtacaca gagaggtagt gggggctggg agagtt 286

<210> 3153
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T58153

<220>
 <221> unsure
 <222> (1)..(429)
 <223> n = a or c or g or t

<400> 3153
 ttttagaaag ggacaccata agatgaactt tatttttaaag ctcataaaag tgttcacann 60
 naaaaaacaac aggatcgaca tttcttccat tccacacttt cacatgacaa tatactgtat 120
 agtgagagag anagtttana gtttttggtc tgcattgctgc taacacattt gactagcttt 180
 tgttttactc attgaatttt taatatcaaa gcaaaaagtc attttctctt ggacagaaat 240
 ggttttagaa agcccttatg aagtcagact tagtcttggt tataaacatc cacaccnca 300
 cacatgctgg aatgggngag caaatgcaa ggcaactacc ttgggcaggg gaccaaagtc 360
 ttaaaggatt tgtaatcaca gccctcttggt gcaggcnggt accggttttt tttctccna 420
 agggccaaa 429

<210> 3154
 <211> 235
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T58607

<220>
 <221> unsure
 <222> (1)..(235)
 <223> n = a or c or g or t

<400> 3154
 ttttcagtat cttaaataaa ctgtttattc agaaggaaca attaaagaaa gcaactatga 60
 tatggattac aaaaacaac aagcatagat cctctccagg ctccagggtg agacggcccc 120
 acgctgcaaa gactgccagc cctgggggat cgcattcagt ggctagcatg tgtgtgtgag 180
 cgccgacacg tgnacacac aagcacacac acgcacaccc gccaccacac ggggtt 235

<210> 3155
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T58756

<220>
 <221> unsure
 <222> (1)..(441)
 <223> n = a or c or g or t

<400> 3155
 gattcaagat ttcaccagggn gagaggggga attgaaaatt agtagaaaaa ttccaagggg 60
 accagtttagc cacaacaaag aatgggggttc aggggaacttc ttagggatgt atcttccct 120

```

caatacaggt agaggagcag catcagaagc agggcnttgg agagaggcat agaagagant 180
caccttctcc tggccacgc aagctacctg gtgtaccttc aagttcaggc cagctgctgt 240
tcctgcccgc tcttgagat gaaaagggtt cccatgcccc cacctcctcc cgagttaatt 300
ctctccaggg tgcttctctt tgatgtaaac ccagggtgc tattagcagg ctccttggtc 360
tcttgctcaa atcctttcca acctttccaa cctgtnggag ctctgctgtt tctaatttct 420
taacccccat cttgtttctt t

```

441

<210> 3156

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T58775

<220>

<221> unsure

<222> (1)..(306)

<223> n = a or c or g or t

<400> 3156

```

gtcaaaactca tggagtttta tttattgcat gcttgggttt tggactaaga gtttaccct 60
agccgtgtct catacccttt ctttccctgt cctgcaaagc ttaacatggg aggtagagat 120
ttgtgtctct tcttctctct cttctctctc tctctctttt tttttttttt ccaatcaggc 180
actctctgta cccctgccac cctgaggaag acaaaaatag agaggatcta gcaaagtctc 240
tgcaaaaatg attaatgtga atattcccat ccggacttcc natgaaaaag ttgcattata 300
aatga

```

306

<210> 3157

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T59148

<220>

<221> unsure

<222> (1)..(337)

<223> n = a or c or g or t

<400> 3157

```

nattaaatct atatttaatt tnatcaagtt ttnagagtat tctgccctgt naaagngtcc 60
tgagtttgca gatagtgttt taaaaataga gtatcttaaa gtatagaaa agtccagaaa 120
atagaacagc aacttttcct acctganca ccattaatca gcaccataaa aagtaaaaag 180
ctacacataa gcacataggc aagcctagtc caccaaaaat acagtattag taaatggatg 240
aatctcatg aagagtanct tagggaaggn ctgtaagggt ttgaaggaag gtgactgaca 300
atttaattgc aaaaggacac aggattatta gggcata

```

337

<210> 3158

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T59161

<220>

<221> unsure

<222> (1)..(446)

<223> n = a or c or g or t

```

<400> 3158
gggtgtgtttt atttttcatta ttcatacaaa taatttttcta taatancccg gggcaaacc 60
gagaatttgg cagnccgatt gggggggggn cccttcagag acccacaggc cgggtggantc 120
ggcgcggnagn ccagggnntca cagtgcagct tgtggctcgt gtccatcttg caggtggctc 180
ttcctccaca tcacgactgg ggtctcgaag ggacgggggt aggaaatcct ccaggatctt 240
aggaaatttc actccgcttc tctgctcaa tggntctttt gggtcggcag ggggtgttctt 300
ctcctgcgtc tccgttttct tcagcttggc cttatcgaag ctgggcgatt tccccatgt 360
ctgggtttgt ctgccanttt cttaaaacaa tccgngcagt ctcgttccga gcccagagatc 420
cgggggngct cccactcgcc tcgtgc
446

```

```

<210> 3159
<211> 497
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. T59668

```

```

<220>
<221> unsure
<222> (1)..(497)
<223> n = a or c or g or t

```

```

<400> 3159
tttttccatt atcctggttt tatttaggaa taggatgggg gtggggaggg cttaagtggc 60
ccacacgtcc aggtntagac tgactacatt gagtatcgct ccaacaccga acttcccttt 120
aacggtttta aaaaagggtc atgagntca acacagttca gcagtgttt catgggagac 180
cttcaggcag gcaggaggac atcctcctct ctgctcagga ccaccacggg agttctaggc 240
actccacctc actgttcttc agacagctgt gatgtgagca ggggctaggc cggtaatcaa 300
gggggcccaga ctgagccatg ccacaccctt cctcctagtc cccatgctct cctgggggag 360
cctggggcag ctctgcttta ctttcccggt ttgtgttttt tcttttgttc cttacgttgc 420
tgtgtctttt gggtccttct ttcaccttg agtcaccac cttgaaatga cctntgactt 480
cagctnggcc ggcgcac
497

```

```

<210> 3160
<211> 587
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. T60407

```

```

<220>
<221> unsure
<222> (1)..(587)
<223> n = a or c or g or t

```

```

<400> 3160
ttcagaatca gatattgttta atatctgcat ataacttaat atgcatttct tccattacaa 60
tttttaagta taatccaagg cttaaaaagg tatctttttt ttacagtaat ttaaaattat 120
agaagatgcc tttcctataa ttgaagttat tgatcaattg aagggtataac cagactgaaa 180
tatacagcaa cttcttgaag aatggcaaaa ataaagtga agttctaaat tcttctctga 240
atttttcagc tattgcta atggaagggtg gccaatataa taggcaacac aggttcgtct 300
aacacaggtc ggtctaacac tgggtccnngt aatcaatcat catatcttat ttctttcctt 360
tttctttttt gtttttttga gacggagccg gcntctggtc gccagggct gggagtgcag 420
tgggcgtgga tctcgggctc actggcaagc tctgctccn ggggnccaca ccattntcct 480
gcctcaggcc tcccgggggg gctgggggnt acaggggggc ccgncacat ggntcggnta 540
aatttttttt ggatttttag gaggggagc ggtttcaccg tgtagg
587

```

```

<210> 3161

```

<211> 344
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T61256

<220>
<221> unsure
<222> (1) .. (344)
<223> n = a or c or g or t

<400> 3161
ggctctgcat cccccagcca tccccccaga gcctctccct gtgggaacac aggacacagg 60
cagagtccct cccacagctt gcctctgtcc cctgaacagg gcaacctgga cgccaggctg 120
gatggagggg agaaggcgat gcagccgcaa tggtagtctc catggtttgt gaggagccgg 180
cacctgctct cacacgatgc catcaaagcc ctgcaggcca cacttcttgc cggccacctg 240
ggaacccgaa tctcagtgtc tccctgcacg ctctctccct ggganaaggc tgaagaatga 300
cggaggcatt tnaaggtttc tccangctcc cagtntaatc cacc 344

<210> 3162
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T61373

<220>
<221> unsure
<222> (1) .. (337)
<223> n = a or c or g or t

<400> 3162
cgggggctaag gggcttttatt nggctggggg aaggagatgg gaggagggag ctacagaggg 60
cccggcatgt gggctctgac tcctacagat ggccaggagc tgggcagccc accagtactg 120
agcgatggag cgtgggtagg gaggggccac agtntccact cgccgtntgc aagattgact 180
cggtagtact tgtctccaga gaagaagaag acactctgga tgggttcaca ggtggcaggc 240
acaagcagtc catcctgtag tcatcatagt tnttggctcc caagttgctc tcctcactgg 300
agaacaagga cagccacgtg gcgccgggat ggccggc 337

<210> 3163
<211> 548
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T61389

<220>
<221> unsure
<222> (1) .. (548)
<223> n = a or c or g or t

<400> 3163
tggggcagan anaagnnctt tattgatnnn ntcagnaatg cagggtctggc acccatcagc 60
ttcaaaccac atcttatcgc atccactcct ntcncttcc nnnccattt tgccctnttt 120
cagggtgaaa tcttgctttc aggcaagggc ttccggccag ccttgcatcatt gttctcagct 180
atggtcttct gaaccagtc ctgggatgga agtcaccttc acatacacac catactcagc 240
cacagcacag ctcttatcaa agcttaagat ccagtcgca taccagggtg tcctcctcca 300
ggggtcgtgg aacgggcaaa gggcactgcc cgcacgcgca taggcagggt gtctttcttg 360

ggtacttttag gacatggcca ggcacaggag ggtgtgtttc atttcagtat gggggccttgc 420
 acccctacan gggctctttc ggggtgttctt ctttttcggg ggacttggtg ctggcctttc 480
 ataatgnctt atggatttgg gttttgggtc aggcacagga nggcattgac atacttcaga 540
 tggggcnca 548

<210> 3164
 <211> 124
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T61649

<220>
 <221> unsure
 <222> (1)..(124)
 <223> n = a or c or g or t

<400> 3164
 gatttctcaa catcaaagtt taattattac aaaatatggt caagcaacag atagaatttc 60
 aaaaacagta tttgctttnc ttccttggtt tgctccaaca ctaatcatgc tgagggtttt 120
 gaag 124

<210> 3165
 <211> 116
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T61654

<220>
 <221> unsure
 <222> (1)..(116)
 <223> n = a or c or g or t

<400> 3165
 ggctttgggg anggtcctcg agcgcgggct tggttctctg ctgagggtgct agaatgctcg 60
 gtggccttgg gtggtactcg gccagtctgg gccgcgttct ccttgagagc ctcaag 116

<210> 3166
 <211> 504
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T61801

<220>
 <221> unsure
 <222> (1)..(504)
 <223> n = a or c or g or t

<400> 3166
 aagtgaantt gcaatctgtc tttattatga gaaactgggg aggtgggnca ggcagactca 60
 tgtcagaagn ccctcagtga gaagcaagaa gcaatctgtc tttattatga ggactaggag 120
 gtgggccagg cagactcatg tcagaaggcc ctcaagttagt gcagcccagg agactgggtca 180
 cattctgggg ttgcggaagg gccttgntgc attcagtttc tccacatcac tntagcagta 240
 caaattgggc catggatgag gtacaagccg ggaccattgg cggaacatga gttagggcca 300
 aggncttttc catacacaag gctccgtcta ccttctcatg gggaccaagg aagctctntc 360
 cacgtggctt ggntcctgac ttcagggtcca gccaccacag cagccgtcct nccatgatat 420

ngagccgaga agaccagggc agataaaggc cgcattcaca gagtcaggnt aattccatga 480
 nggggtccanc ttcttttcca gcgt 504

<210> 3167
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62521

<220>
 <221> unsure
 <222> (1)..(595)
 <223> n = a or c or g or t

<400> 3167
 aacttaggtg ctcttttgcg ctatatactt taattcatgc aaaagtgata gaggactgga 60
 cnttgaggct ctacagaggc ctttctgaga aagctgtgta gctccttact ctggcgaaga 120
 acaagggggg gtacatcttg tcaatctcaa aagcactgac tgcagtctca ccagttgatt 180
 tgtaagtaat gtgacaagaa tgatgtatcc agatgagttt gttgaacctc tggtgaccac 240
 tggaacatag ctgtagcccc acatgaaaac tctgatctgc ttcttgtaca gggacacgac 300
 gaaaatatct gtatttatag tcaagtgggt ttttcttctt ttttcttagt tattacagca 360
 aatacttttg gtctgattgt ctgtgtcttg tgacaagcga tagtgaccca gtaggaattg 420
 catcagtcct gggggattcc naggttctta aacgtgggga ccaatgggac tgagggtctc 480
 tcagggggnt tgtccaccat ccatacacatg ggcccatccg ggggaaggatc cttattgtnc 540
 cccatgtnat tagggnaagg ggaggcccca aaccacaccc ccncaccan ggttt 595

<210> 3168
 <211> 237
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62918

<220>
 <221> unsure
 <222> (1)..(237)
 <223> n = a or c or g or t

<400> 3168
 tttttttaag aatcttcttg gcctctttat taagagccct ctgccttncc aggggagggga 60
 agcaaatcct tcagggcccc cagagttcct gcaccccata tcatgggtga gnctaccagc 120
 cacagagcca ccggtcaccg tggagaggct taagntgcac tcagagctcc ccccgggcat 180
 gccgaatgta gtgttgatgc agccctgctt cctgagcaaa gtcttgaccg cactctg 237

<210> 3169
 <211> 554
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T63364

<220>
 <221> unsure
 <222> (1)..(554)
 <223> n = a or c or g or t

<400> 3169

```

aagggcanaa atgattttat ttttaaattgt ggacaggcaa gcagaggtgg ttggcaaagn 60
aaggtggctg acgatccgga anctgtacag gagagataag ggcactggct gcagagtccc 120
tatcgaagca tcatccgaac cctgcggtag ggggtggccca caccacggcc tgagccaagt 180
caatgccata tttntgggcg gccctcanga cactgcatag cgaccattga gatttgatcg 240
gtaacaggat gcataccacc aggnaccntg gacaatcact gcacagttgc tgttgcttga 300
ntcgtggtca gcgtcatagg tggtaaaggc cctcccactg tggagnctca gggaatcccc 360
tgcagtnctt ctgagaactt gcccagtgcc agatggtagt ggtctacctc accgaggagg 420
cggaaggctg catagtgggc gaaagtacgg ttaccattaa agtcttccag ctctacccgc 480
agcttccagt taccctggag antaagctgg tcaaattctc atttcccagc cagaattcag 540
ctnttggttc caaa 554

```

<210> 3170

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T63490

<220>

<221> unsure

<222> (1) .. (426)

<223> n = a or c or g or t

<400> 3170

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gagattcaca gttattatatt acaaagaaac cataaaattg taagtaggtg aattcatcca 60
catactatatt cagtgagtat ttttgcttaa gatcatacca aagttgttcg tttctttggt 120
acgaaaaant tatttgcact gaaaaaaata tgttcattgct gtcttccttg cattctact 180
ctcaaaattc cattctcttt taaatgtcat cctcttcctt atcttacttg ganttcagg 240
tggtatatct ggcagttaca cacaaacaga ttactttttat gtggcttagt aaagggtgtaa 300
tagagtacta aaactaagtc tataagagan tttccatact caagtacagc ccagattcca 360
taatgctaga gcaaaaagca catgagtggg aaagtcaaca gggactcaat gggccacata 420
aaggcc 426

```

<210> 3171

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T64575

<220>

<221> unsure

<222> (1) .. (306)

<223> n = a or c or g or t

<400> 3171

```

tttttttttt cagtttttnaa gggttattta ttaaaccctt tggttctgac cccaagctga 60
gtgggactca gattcagacc ctgcactcag agagccccct gacttgggga agacagagca 120
gagaaaggca gcccantnt ggccaggntc agctggaagg aaggacaagg ggntgggaga 180
acccagantt caagagntct gggaaacagg gaacggcntt ccagacggag ggcacacctt 240
gggcatgggt aaggaaagcc catcgttttt tntaggaagc atggatggat gaaacggggg 300
cccagc 306

```

<210> 3172

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T64887

<220>

<221> unsure

<222> (1) .. (421)

<223> n = a or c or g or t

<400> 3172

```
ttngtaggtc cgataatgac ttttatttta acatatttaa ttacagacat aaaatagctt 60
ggggaggggg gtgagcccag ccttagcccc accatgggta ttagganggg aggcgcagng 120
gggccccctg ctgaccctct ntctgggggt nttcctatgg cggggcctat tgcttgantg 180
ggggaggagc catgcaaata agggggggcag ggcagccact cggccccacc ccaccccgag 240
gacggcctcc ccacagantg cccaggctnt gccccagccc cagntnntcc acctccttcc 300
tntntttcca gggagcagac cctttggcca gcccctgatt ttgcccntac ccnttttgca 360
aacctaaagg ggattaaata caaatTTTtac aaagtaaaag ggggtccaan attgccttgg 420
g                                                                 421
```

<210> 3173

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T64933

<220>

<221> unsure

<222> (1) .. (422)

<223> n = a or c or g or t

<400> 3173

```
taaanntgat ttaaaaatta ctcttttact tttattacaa taaataatta tcaataatag 60
anttaaacaa tttcaattaa aacctactgc atnctttggg gtttacagca gcagancaaa 120
cataaatcca gttgaaaggg aaggcttcca gantccagtg acangaacag tctgggtcttg 180
attattcggg cnagcaatgg gaaacactga tacagataat gcaaaaacaa tgaaatgcat 240
cggcatactc tctttgtaca tcacattatc tgacacttta aaatattcca gctangtaat 300
ttaggcaggc catgaggctc tgtttctgca cagtnggggt tctccccag caggcccaca 360
gcacactgct ccnngggcca cccttggggc ngaacggggc ccatcatcan gcggcctgga 420
gg                                                                 422
```

<210> 3174

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T65443

<220>

<221> unsure

<222> (1) .. (319)

<223> n = a or c or g or t

<400> 3174

```
ctctaaattt attagggagt ttgttacaaa tntnccggct ttacaggcat gatttcacgg 60
attcaaacaa gaaattaaca ctgatattta gccttctcat gacatacaca gaaataacat 120
tgctacaaac tgcaatggng agantcttgt ttcaaattggc ttagtttggg gttttgtcta 180
aatgtatcat tatataatga aagcaccnat ttgagggttt ctcaaatagt gatttgaatt 240
ttaggacata acagtataac atgggtaact ttattcttca tatataanta aggcatanct 300
gggangtgta ttaatgctg                                                                 319
```

<210> 3175
<211> 550
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T65957

<220>
<221> unsure
<222> (1)..(550)
<223> n = a or c or g or t

<400> 3175
tagcaccgnc acaaatagca ctttttattt ccactatttg aagtctgaac tttaaacaga 60
ttcttgactg gtggtcatat ccatcagctc gtcaacttag acctgtctcg tcccagtggc 120
ttttcagaac tactgcctta ccatgaagct ccatgagttt ccaattcaaa cttgggcttc 180
ttcagcattt ttacttttct aacgagacat catggagagg ataaatagat tggcaagcct 240
tttctatgtc ttttccaatg ctgtctggaa tcaatttatt gaccacttct ttcaagtcac 300
ttgtctgcac ctctcgggca tgatttccat catcttcttc cggattggcg ggacctgttg 360
gngctgagca taagagggct tccgtatctg attgttgctg tttttaggta aanccaacac 420
aggacagacg gaggcaagta accatcgga ggtcttgaca acaacgggag gcttcaatca 480
atggnctgcc atttttttga ccatggncca cattttgtca cggggtagga ncctggccat 540
ggaggttggt 550

<210> 3176
<211> 554
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T65972

<220>
<221> unsure
<222> (1)..(554)
<223> n = a or c or g or t

<400> 3176
ttgagacgga nttcactctt gttgccagg ntggagtgc atggcaaate tgcactcact 60
gcagcctctn cntcctgggt tgaagtgatt ctctgcctc agcctcctga gtagctggga 120
ttacaggcat gcgcaccacg cccagctaatt tttatatttc tagtagagac ggggtttttc 180
catgttggtc tggctggtct cgaactccta acctcaggtg atccacctgc ctccggccttc 240
caaagtgtcg ggattacagg tgtgagccac tgtgccaggc cttttttaat ttttttttaa 300
ttggggcagt cccagaagca gattagtttc agaggggact cccatttca ttttttgttt 360
gctgcttatt cctctatacc aggggggtat tcaatctttt gggcttctct ggggccacgn 420
tgggaaggaa ttgtccgggg ggccacacat aaaatacact aacgataact gatgagcttt 480
aaaaaaaaaa tcacacacaa aaaatctcat gttttaagga aagtttacia atttgtgttt 540
ggggctcatt caaa 554

<210> 3177
<211> 570
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T66189

<220>
<221> unsure
<222> (1)..(570)

<223> n = a or c or g or t

<400> 3177

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tctttttttca gatgtgcagg tntttatttc ctctccctca ctctgctcna acaccagca 60
taaggcacta cccccagatg ggagggaagg gagggcnact gtgaactcaa gtntgagggg 120
gtcatctgca nnaagaccgg agttgcttcc atgtcactct cctctcaaga gaagctgcta 180
tttcagggtta aatggagtct gctctcatcc atgggttaaaa gtggattgag acgntctaca 240
gaganttcca tcttcttttt aaggaacaca tccgaacgan ttcagaaggg aaattttgat 300
atttaaaant cagtgtctct cacttcccac tccatccncc acctcccttt ntaagctcag 360
agcacagcgt tcctacggtc cagccaggga atctttccag aaaggggntt gagagtttcg 420
ggccccgat gggagcggct catttgctgg ccgtgaacgc tgggtttccc gtgatagctc 480
tccaaggtt cagggcgtga ttgtcatgtg taccttcgag gnttttnacg gnctcagggt 540
catggcgtnc ggttcacgtg atattcgtag                                     570
```

<210> 3178

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T66935

<400> 3178

```
tttctaattg agcaacttta ttcacataat ttctacacca agaactcgag gttatctctg 60
atggaaccaa tttcactaat atttacttta agggcagaga agtcaaccaa gtcctcacag 120
tctcaagaat caaaaacaaa acaaaaatac aaacagagag caagtgggaa gataaataac 180
actccgaaat aacctagcta cacactttta gtttccaatt tttctagcat gaaatcactt 240
ttctcttcca tcctgtaaga cgtgttctct cctctctctt ctgagttggg ctgtgaagag 300
ctgccctggg tctcccgggt ctgacgggtg ttgtccacc catctgaggg caccagggg 360
aattgccctg ggggtccgga gccctggggg tttctggata gcct                                     404
```

<210> 3179

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T67053

<220>

<221> unsure

<222> (1)..(445)

<223> n = a or c or g or t

<400> 3179

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ttctggttgt caatgaggat atttattggg gtttcatgag tgcagggaga agggctggat 60
gacttgggat ggggagagag accctcccc tgggatccct gcagctccag ggtncggtg 120
gtngggttag agttgggaac ctatgaacat tctntagggg ccactntctt ctccacggtg 180
ctcccttcat gcgtgacctg gcanctntag cttctgtggg acttccactg ctcgggcgte 240
aggctcaggt agctgctggc cgcgtacttn ttgttgctct gtttgagggg tttggtggtc 300
tccactcccn ccttnacggg gctgccatct gccttccagg gcactntcac agctcccggg 360
tagaagtcac tgatcagaca cactagtgtg gccttggttg cttggagctc ctgagaggan 420
ggcggaaca gagttacagt gggga                                     445
```

<210> 3180

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T67231

<400> 3180
tcaggaccga cctatcccag aatgggtgtg agtgcagcac atacacttgt caccgagcca 60
ccattctggc tccaaggctg catctctcca ctggactagc gagagggttg tcagtgtttt 120
gctcctgggt ctgcttccgg ctgcttattt gaatccttgc tctgcgatgg actattccct 180
ggctgcagcc tcactcttca tggcactgg ggcttggac aagttgttac tgactatgtt 240
catggggatg ccttgcagaa agctgccaa gacgggcttt tggcactttc agctttaacc 300
tttgcctggc tttgctattt caactatcac gatgtggggc atctgcaaag ctgttgccat 360
gctgtgggaa gctctgacct ttttgacttc atactttgaa ggaattgaat gtatgcctct 420
tttgccctcg ctttgtcatg ccattaaagc tcacaataat 460

<210> 3181
<211> 537
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T67520

<220>
<221> unsure
<222> (1)..(537)
<223> n = a or c or g or t

<400> 3181
acattttatt tataacagga aaaatatatc cctctatatt ttagtttaaa aaaataactgc 60
ttggaagcag cccatatacct gtgcgttttg tgaattttca ggtgagactc cctcaacccg 120
ctttccccc tcaactgccac accactgcta gtccatgggg agggggctgg gggttcagggtg 180
ggacctcttg gttgggagcc tccattgcta ctttgcattt aaaggaccga gagtctcctc 240
aagacaagac cactgttatg tgatggatgg ggggtgtctg ttgctggatc cagtcccaaa 300
aggtgcccag ggaacctggg gaaggtgact accctatcat ctcacaggga cccccacac 360
tgggaacccc agcctcctgg ggtcctgggt ccaggggctc ttttccctg ggctgggtcc 420
atgggttgcg acaccacgg caccgggca tccacgntg gtncttcgag gggagggtct 480
nagagggtca agctncacct tctntttccc tggggtngcc agattcantc cttncct 537

<210> 3182
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T67705

<220>
<221> unsure
<222> (1)..(600)
<223> n = a or c or g or t

<400> 3182
agcatatatt tcttctttcc tacgccattg aagaggctga cgattataat aattacaatg 60
aattacagaa ggagggtgga tctcagtcct ccagggtcag ggactcttaa actacctcct 120
ttctctcttt gtcagctct tccccatacc cctgtctcag tgtttcttcc tttcctcaaa 180
atcctcaaca gagaagccag agctgggcag gtgtggggta tgggttagcc agagggtgtg 240
tggggtcagg ccacctcgcc ggtcgatttc cgccttttct cacacaccca gcggtacacc 300
tgcaggcaga agtcacgtt ccagcgcca tccggctggg actttcaaca cagtctttca 360
ctttccaccc agctcgtgcc cgtgccaat atctgggctn aggtgacagn ccagttcttg 420
tangtttgtg gcctataggt ctgntggcca ttccacccat ttnccaggg gccatnattg 480
tnccgtggnt cggtnccga atttccttgc aagnccggg gggantccat angttttagg 540
nggcggggcc gcaccgggtg gggaagcttc cagnttttng tttcctttan gtgaggggtt 600

<210> 3183
 <211> 571
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T67931

<220>
 <221> unsure
 <222> (1)..(571)
 <223> n = a or c or g or t

<400> 3183
 ggntagtttc aaactcctag gctcaagcta tcancctact ttggcctccc aagggtgctgg 60
 aattacagggt atgagccacc acacctggcc ttgtttcctg gcatttttacg gtatccaaat 120
 aattacagat caacagggtca acaactgtcg aaagcttacc tccattttct gtattcatgt 180
 cacagtatac tctatacgggt ttgacagaac tgtcagggtg aatgagatac atttcagatg 240
 tttcacctcc tttcctgata atttctcac attctgcaaa tgtaaggaca acattatggt 300
 caggggttta tggacataat tactttgtat ttaggtcacc aattctttaa aataacatta 360
 cataagttac taagggagtg tgttattata ggacctttgg gaaaataata ttaacanata 420
 ttaggggttn cattttactt taggtaagggt cccaaccag ttttgagggg cggtttatct 480
 ggctaggngg ggtggaacaa ggctcttctc caccttttgt gtccgggggg gnttatccct 540
 ggagggctcc cgggnccaca caaatggggn g 571

<210> 3184
 <211> 480
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T68083

<220>
 <221> unsure
 <222> (1)..(480)
 <223> n = a or c or g or t

<400> 3184
 ccagccgaaa cnncttggg ggcaagaaac ttcttgtag aactttccac ctccggcttc 60
 cccctccacc tcttttaccg tccaacctt aggagacgt ttttctccc cagaggagaa 120
 tttatctttt tttttttttt ttttctttt tctcaccgg tgctttgcat ttgggaagag 180
 gtgatttcaa gagtggccag gtgggacgcc tctctcctcc ttattcggtt tactatttat 240
 tgttcggggt gttttttaat tctgtattg ctcgcccggg ggagtttcgc cccctagccc 300
 ggctccgagg cggagnaatn ggggtgtggga aacggctggg gcgcgctggg tgatgttccc 360
 tctnacagat gatctnatct ggggtgggtg aaagcagccg tcgggactgg gtgctgcccg 420
 ccaagctgcn ggaacctntt cgcggggaga aacgtntca tcaacnggcg gcggggagag 480

<210> 3185
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T68426

<220>
 <221> unsure
 <222> (1)..(469)
 <223> n = a or c or g or t

<400> 3185
tnccttcttt attaaatgac gganaggatt gttgtgatta cagttgaagg cncgtnttag 60
aaaggcaggt catgaagnag agagtnccac agactcggct ctcgaaccgg ggcaggagg 120
acaaggtgag ctgtcagccc acaggacggg cgggctgggt ggacacagcc cccaagttgg 180
ccaagctgag tctctgggag agtggctccc aggagaggcc tggctgagca ggcagacacc 240
ctgggacccc agggcangaa ggcccctgcc ctccagtcac caagcccagg cctttctcca 300
ctcatacacg ccacctacat gtgacgtcac cctgaaaagg taacaggaaa gttcaganca 360
aaaacaaaac cccaaaanta aaaagggtac gtntagcana gtattcccgg aaacntntn 420
tncacaggcn gtnntggccc cctcgnggtt ttccgggtca ctttggggg 469

<210> 3186

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T68510

<400> 3186
gatatttgaa ttttagcaggt ggagtttcat agtaaaaaca gcttttgact cagctttgat 60
ttatcctcat ttgatttggc cagaaagtag gtaatatgca ttgattggct tctgattcca 120
attcagtata gcaaggtgct aggttttttc ctttccccac ctgtctctta gcctggggaa 180
ttaaattgaga agccttagaa tgggtggccc ttgtgacctg aaacacttcc cacataagct 240
acttaacaag attgtcatgg gagctgcaga ttccattgcc caccaaagac taggaacaca 300
cacatatcca tacaccaaag ggaaaggaca atttctggaa atgctgtttc ttctgggtgg 360
gttccctctt ctgggcttgc t 381

<210> 3187

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T68711

<220>

<221> unsure

<222> (1) .. (440)

<223> n = a or c or g or t

<400> 3187
ttttacnnnn ctttggattt tttattaagt tctgcaataa ataataggtt tataagttca 60
ccctgttggt ganctcatca gtggtcgcca agtaagaggg tgaatcaact atcccaagag 120
actctgctac ctcttagctc tggagggtaa aaagcaaggg ccagagcaaa tacattgggg 180
agaggggggag aaaaaaaaaa tcaggctatt ttaatagccc tcacatgcca agtgcttttg 240
attcatcatg tttagttttc ataagcttgt gaggtagata atattatccc cattttatag 300
atgaggggaat ttaggctcca atggggntaa ataacttgta caagnacaca tactggaatg 360
actgccatga gggaggggaat gtgaattttg ggtcacgggg ccaacaccct acactcttcc 420
taccntgcc acactgggca 440

<210> 3188

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T68855

<220>

<221> unsure

<222> (1)..(453)
<223> n = a or c or g or t

<400> 3188
ctgtttaccct ctcctttttca ctctctctca ttccggttccc tttcttcttt caacatctaa 60
catggtaaag ttttgtgcta ataaccaagg caagacaaaa cttatattca tgttcttcca 120
taaagaatct catatcatca taggaaggcc aaggccagaa gggaaaagaa agagaaagaa 180
gaggggaatc caaatgaatg tctcttagat gtctcactgc gcacgggctt ttccggacat 240
cttccactcc ttgtctcgaa gcttggtcgc ttgaattttc cctgtgacag tcttggggca 300
ggttcaagga caaactctat ctttcttggg gtacttgat gggggctgtc actgactttc 360
acatgctgct gcagtcctt gggtagctg tttctggggt catgggggac agggaaactnc 420
gaggccaggg gnccacaaat gcctttcacc acc 453

<210> 3189
<211> 244
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T68873

<220>
<221> unsure
<222> (1)..(244)
<223> n = a or c or g or t

<400> 3189
nttttttttt ttttcaagtc aaaactgttt tattgtcngt ttacatattt aatagaaaaa 60
ggaatgtagc aaatgctcag gggtgtatga aaaaaaaatc caggtttggtg caggttgctc 120
tgtttacatc tgggagcagg gctgtcccca catcaggcac agcagctgca cttctccgac 180
gcccctttgc agacgcagcc ctgggacact tggcacagcc atggnagacc aggagcagca 240
gctc 244

<210> 3190
<211> 188
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T68878

<220>
<221> unsure
<222> (1)..(188)
<223> n = a or c or g or t

<400> 3190
tttttggant tcaaaagacc cntttattcc aaagctgagg tcacaaatac aaaacttgcg 60
ccttcatggc ctctgtcccc tgccccccac caccagacaa ttccccagcc atggtaagat 120
gccttntgaa cctgcaatcc ctttngnaaa agacccagc ntttgctcct ccaggntccc 180
aaggccgg 188

<210> 3191
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T69009

<220>

<221> unsure
 <222> (1)..(393)
 <223> n = a or c or g or t

<400> 3191
 gttgaaannt ttattttcang gattttaaatc cacccttctc cgagaacacc agattaaaag 60
 acctccagca atccatgatt ctagtatact catctctgac tgctgtatgt aagatgtgat 120
 ttgattaaag nangacagac aacangtgca tttattaggg ncaacattct gaatactcac 180
 gagtagttat cttgcacact taaccctagg ccagaggaca cagggcaacc acacaggana 240
 aggntaccag ggcagngtca ctggagtttt gcttatacca caaaaggagt taaggcagtt 300
 taattcaagg atgcgaaaac tacgtctatg acataaaacn tgacattcac aanttaactc 360
 agcctttaaa natgtcccca antaccaacn agt 393

<210> 3192
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69020

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 3192
 gtaaaagaac taatatttgc aaagaaaggg gacgaggaca ttttctaata agcattagca 60
 ggagcagcca cccccaagta cattttattc ccaggnatat ttattttggg actaatagca 120
 atcaaaacag agtaagcgga aggtcttttt tgtaagggtg agatgactgt gtccctgcag 180
 cctggacact gactgctgca atgaaattgg atctgttgag catgtcttcc aaggacagat 240
 ttggatagta agccaggtag aaggccagag ctcccacaaa gctntcacca gcacccgtgg 300
 tatccacagc cttgactttc tctgtgggaa tgtgcttttg ctcaggttct gtctgtgaca 360
 gcaccacaca tccttcagcc cctaaggnta atgattacca cctgggcagc cccttttcaa 420
 ggagcactan tgcagcctnc ccagcatctt ncag 454

<210> 3193
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69029

<220>
 <221> unsure
 <222> (1)..(469)
 <223> n = a or c or g or t

<400> 3193
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 aaggngtggc acctatcagc ttcaaaccac atcttatcgc anccactcct gtccactccc 120
 gtccactttg ccctcttcca ggggtgaaatc ttgctttcag gcaaggngnt ccggcagcct 180
 tgcattagtt ctcagctatg gncttctgaa cccagtcctg ggtggaagtc accttcacat 240
 acacaccata ctcagccaca gcacagctct tatcaaagct taagatccca gtcgcatacc 300
 aggggtcctc ctccaggggc gtgaacggca aaggcactgc cgnatcgcca tagcagngt 360
 cttcttggn a cttaggacat gccagcacag aagggtgntt cattcagnat ggggctgcac 420
 ccctacaggg ctcttcggng tcttctttnc ggggactntg ctgcctnca 469

<210> 3194
 <211> 416

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. T69164

<220>

<221> unsure

<222> (1)..(416)

<223> n = a or c or g or t

<400> 3194

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atgatctcag ctcactgcaa cctcctcctc ctgggttaag tgatcctcgt gcctcagcct 60
cctgagaagc tgggtattaca gacgtgcacc accatgcctg actaattttt gtatttttag 120
tagagacaag ttttcgctat gctggccagg ctgacctga actcctagcc tcctcatatg 180
atccacccac ctcagtctcc caaagtgctg ggattacaag cgtgagcacc ttgcacagcc 240
aatcaagtc acttttaaaa tacaaattta ttatatgtct aaggacatta tcgataaagt 300
gaaaacacaa cccacagaat ggggaggaaa atatttggca aaccatgtat ctggataagg 360
ggtctaggaa tccaggaata tattaaagga actctttaca acttcaggta nttaaa 416
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<210> 3195

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T69284

<220>

<221> unsure

<222> (1)..(419)

<223> n = a or c or g or t

<400> 3195

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gtgactaaat ggagtttatt ccatcaaagc aaggttgatt taatttttaa aaatcgatat 60
gtgttatgta taatatcaca ttatctcatt aaaaagcatg tatctagcgg cataactgtg 120
tgtattaaga cctaaaatat agtatcctga tactttacta cacactttaa aggtgttaac 180
ttatttcatc atccccacaa ttttcatgaa ataaggaaatg attattttct ctcagctgca 240
aatacatggg ctggaaacac aaaggtaact gggctctagg atcatgtagg caattaaggt 300
gacagaggct gtggaatcca gtttaggata gggcctgact gggnggcact tcattatatt 360
gtctttcagg gngtctatac ctgacctggg nggggctctg tattgggggg gggtggcct 419
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<210> 3196

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T69305

<220>

<221> unsure

<222> (1)..(466)

<223> n = a or c or g or t

<400> 3196

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ggccaggctg ggattcacac aggccaggga tgaaaggac accnngtgn ttgggggtggg 120
ggtggctggc ttgatccct accccagtgg gttggccagg tgatcagagc ctccaggttc 180
cctcacacac agcctgggta catttctgcc gtcaggggcc ggaagactgg gcccggtnt 240
ccagtacaaa cagagggtca accacgatcc ccacattgaa gccctcacgg caccaaccgg 300
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gtnttttcac agttttgaac gtgctgggtg acctccatgg gcgtnctggg ggatgcggat 360
 gaaatggggg gntagcgtag gnaggggagc caagcgcgaa cgttcttngg ttacaacttt 420
 ttttccccgt tcgaaagttt ttggccgggg nttaagcttn cacagc 466

<210> 3197
 <211> 234
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69384

<220>
 <221> unsure
 <222> (1) .. (234)
 <223> n = a or c or g or t

<400> 3197
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 gcctctgnct cttagggagc agagagcaga actccgcagc ccagcccaga ggagtgtcac 120
 ctcccacctt tggagaggaa tccttccctc ccctggacaa agttgctgac aagtgtgaa 180
 gtggcctctc catattccag ctgagcctga atctgactct tnagggttgg gctt 234

<210> 3198
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T69728

<220>
 <221> unsure
 <222> (1) .. (586)
 <223> n = a or c or g or t

<400> 3198
 ctacttanta gcaagggttc cattccaaca atggattact actatgtaga ccaactcctg 60
 tctgatttag atcttccttt cataaacaca ttgatacttg ttcaaggaca gctgtaaata 120
 catccaattt cttttctttt tatccccctc tacaactctg cttggctaca aaaatctagg 180
 actcacagag caacagcagc gatggtcaga aaataagtgc cagttccaat gcaagaactc 240
 tctaaagttc attggtcaca atttttttta accacctcac ctaccatgac ttttttcttt 300
 tctcattatc tngccaatta tttctttcga aattcaatcc tccgagctac attctgaggc 360
 accaaatttt ttgaccaatg cctctctggg gatcctcatc atcttttngg caaatctatg 420
 gncatcttgt cggggaccaa agggggatat ccacaggct ctctggacca gacggctagg 480
 agggcgggaa ggaggcctcc aggttcacca ctatttttag ggnaggcct gtgnaactgg 540
 tggaaggncc caggtaaacc ttctccatta actgccgaag gaccta 586

<210> 3199
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T70087

<220>
 <221> unsure
 <222> (1) .. (492)
 <223> n = a or c or g or t

<400> 3199
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 ttctcttcag catttttagcc agagtaggag tcggtggtga atacaagttt gtcattcttat 120
 ggattatatc ttagggtgaa tatcagagct ggtgtccatc atgtgaacag gcagcatggt 180
 actggtgggg agaggggtgg aagtacagag tactagggcc ccaggagcta atattgctaa 240
 cttgacaata ttggtaaaag ctagaccngt taagaactac cngcaatggt tagtactgaa 300
 agcaaaaggg gaaggattca tcaggctaaa ataaaaaggg gaaactagca ggttgggcat 360
 aggggcagaa cccangggaa aaccaaaacc aaaaccccc aaaaaactac taggatttcc 420
 ccgaaaagtg gggaaaagcc cnaaatctcc aggnccattt aatgacagcc aggtatttnc 480
 caaatgtagg gg 492

<210> 3200
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T71012

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 3200
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 cnacataaat aaatatagtt ttaaaagtgg actttttaaac ancagttttt cctttccgtc 120
 anggttttcc nacgacaagg ataaaagacc cctcttcctt atttgaaaat tctcgcaatc 180
 aactagaact gaaattatga acaccaactc tgtcaaaact atacttttgt tacttcttgg 240
 ggagcaagag aaatgaagaa ancaaaagaa aatcatgtgc tattttaatg taatttatcc 300
 natacttttt tcaaaaagtc acactcacgt ctgcttgaga gtttttagagg ggatataatg 360
 tatgaaagga anttc 375

<210> 3201
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T71021

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 3201
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 gctgtggtca ctctggccct gngtctcct gggatcaggc cctcctggcc tctcccaggg 120
 gaaaccatcc tgcagcccct ctgggtcagc agtgaaggag cagagagagg gaacctcctt 180
 ttctgcttct ctgctcagga acagaggtct gtgccccacc tntcggggag caagtggagg 240
 tgacagagaa acagcatcct cctctttcca ccgttgagcc cccggagttg ccagcctagg 300
 cccccaatnt cacagctgcc aaggcctggg ggtcatctgc tgattgaacc ttccccatcc 360
 ccattttgca gattgaaaca cagcgtcca aagacagcg acgagtcacc caaggtcacg 420
 gtgctggagc aagtggcaga gnagggacgg ggat 454

<210> 3202
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. T71373

<220>
<221> unsure
<222> (1)..(390)
<223> n = a or c or g or t

<400> 3202
ttttttttnt ttttcaaggg ttattttatta aacccttggt ttctgacccc aagctaagtg 60
ggactcagca tcagaccctg cactcagaga gcccctgac ttggggaaga cagagcagag 120
aaaggcagcc ccagtgtggc cagggctcag ctggaaggaa ggacaagggg ctgggagaac 180
ccagagttca agagatctgg gaaacagggg acggcattcc agacggaggg cacaccttgg 240
gcatgggtaa ggaaagccca tcgtntnttc taggaagcat ggatggatga aacgggggtcc 300
cagccgctat ggacagcccc gagtttcacc tntaaaaggc aggattattt gtttttaatt 360
ttaattttta tttttttgag acagtcttgc 390

<210> 3203
<211> 177
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T71776

<220>
<221> unsure
<222> (1)..(177)
<223> n = a or c or g or t

<400> 3203
ttttgatgan ggnngtaatc aatcttttat tcacagctac aaactttaat caattatgga 60
taaaacacaa aagctttttg aaatgctgat aaaggaaccc ataccngaga gaccaaataa 120
aatccgagtn ctgagctggc catggntttg gcaggtcagc agcacatgga ggcacag 177

<210> 3204
<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T71978

<220>
<221> unsure
<222> (1)..(482)
<223> n = a or c or g or t

<400> 3204
tatttaaaaa ggaagttaa ttaatattgg aagggacaaa ctggagagca cagaacatgc 60
agctgtccaa tttctaaggt gactctgctg tgacagtgat tggcctctgt cccctgcagc 120
tgcgaggccc ctgtctgagc tgggtgtgcc acgccttntg cctgtntcct ccaccgggca 180
tctgtctctc ccctgcattc tgggaatgcc atcctggaca cactgagagg cctaggtggg 240
ttntctccc tgccacccac ctgagtcctg ccagtgcctt ggccctggnc ctgggtctgc 300
cgccatccct tgtccagttg ggttgaggca ccgtgtcttg ggccttgtec ctccaggggc 360
agagcgcggc agccttttac cccacagcgt ttgcagccct gcagntgggn cctnagccct 420
ggggaggagg cctttccttt tncagagaga acttggncct gcaattttca gcttncctat 480
gg 482

<210> 3205
<211> 382

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72171

<220>
<221> unsure
<222> (1)..(382)
<223> n = a or c or g or t

<400> 3205
ctaagaataa atattttat ttt caatatggaa gtacaacatc tgcaacagta cttatgcatt 60
tttttttacta ttttcctgtc actgaagtgt tttaccctca gggctagaat ttcagatact 120
acatcattac cactcactgt gccatttata ctcaagcttt aaatacatag tgtctgaaat 180
aaaatctagt ttggtagggtg gtaatgagtt ggcattgtaca ggtagaggga aggttggtga 240
aggntctggg gatacaaaaag taccantatt cagtgaantt agagccaaaa aggagattcc 300
tacttaaaaca agtgggggaca ggggggtgcta tatatgggaa agggaggtctg attgggggata 360
caggaaaagg aggggtctat ga 382

<210> 3206
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72268

<220>
<221> unsure
<222> (1)..(375)
<223> n = a or c or g or t

<400> 3206
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cccaaattcct catcttggag tttctccttc agccagggca gcacttgaaa gaggttgatg 120
tgaaagtctc gggcgtgann ggttacctgc ttttgccgnt tctgggtttt gcagacatcc 180
actactcccc agctgattac accaacttga atgaaacgan ttctcttggtg aactatcaag 240
gggcccgcag antcacctnt gcaagtnttg gggtcagcat agggactcac tcctccagta 300
caaagggaac cgagggggtga ccacctntga ggatgtccct tgantttgtc atagcctggg 360
ggcaatattt gaggc 375

<210> 3207
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T72502

<220>
<221> unsure
<222> (1)..(346)
<223> n = a or c or g or t

<400> 3207
atgtcagaat tttattcaat gtcttttttca ggggacatag tttcacccat aacaatggcc 60
acgaaaggac ataagcagaa gatactaaca cagaacaaca aagacctaaa ggtgcctttg 120
caaaaatcat gacctgtgaa tgtgacctta tttggaaata gtctttacag atgtatttag 180
ttaagagcag gtaattnggg tggaccctaa tccagcatga ctggggtcct tagaagagga 240
aantttggga aaaagacaca gggagagcat catgtgatga cagaggcagn tcatgggagt 300

gatgtgggct gcacccaggg gaactcccaa agttccaagt gccacc

346

<210> 3208

<211> 141

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T72629

<220>

<221> unsure

<222> (1)..(141)

<223> n = a or c or g or t

<400> 3208

gananantag agtttataat tttggggcag gaaggaagta actgtaaaaa gaaaaacaag 60
tgcaagtttt ctttaaaaaa ataataggct gatgggactt gctatcgaag gggttgagtt 120
ctaaaactag gactggtgag t 141

<210> 3209

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T72906

<220>

<221> unsure

<222> (1)..(322)

<223> n = a or c or g or t

<400> 3209

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atggagcctc agtttagattg atacagtttg cagagtgcct ggcttagtcg atgttcaata 120
acatttgggg caggagggag tgaataaagg tatacatggg tgaacaaaat aacacagtct 180
aggctgggca cggtcgctca cgcctataat cccagcactt tgggaggccn aggtnggcag 240
atcacaaggt cagaagttca agaccagcct ggccaataag gtgaanccca tctctactaa 300
aantacaaaa nttagccggg ca 322

<210> 3210

<211> 252

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T73420

<220>

<221> unsure

<222> (1)..(252)

<223> n = a or c or g or t

<400> 3210

attgtccatg ggaggaggag gagggctggt tgagctgcac ancttcact gtcctccggg 60
ccaccgtctc cggcttcagt gggggaaaaga ggttgggaaa cctgactctc atgccctgga 120
acatctcgnt gctggtgtng aagggcagca ctgtggtngc gcttactccc ggacagtnca 180
gcagccccag ggtcaggctc tccatgaagg cgaaggttga cgctttggat ttgcagtagt 240
cgatggcacc gg 252

<210> 3211
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T73433

<220>
<221> unsure
<222> (1)..(346)
<223> n = a or c or g or t

<400> 3211
gggagaaata accagctatt gttccgcatt caaacagaaa ttcagggtgct tgcattctttc 60
acgtattggt caaaaatcac aagcatctgt ggaaaaaac taagggtatta cagacactac 120
acggagggtca tggtctttaca ttcaagacac taaatacaaaa ccgangcant gcaaaaattgt 180
atactttaat tttaaaaccc antttttggt ctcaacttga aaagggnaac acttttttgt 240
ttcacaaaca agctgggtcg ggttgggant tctttttggg aacagtaggt cccgcgctaa 300
acactggggt cttgcctccc caccctntt ctctaaaatn aacca 346

<210> 3212
<211> 241
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T73442

<220>
<221> unsure
<222> (1)..(241)
<223> n = a or c or g or t

<400> 3212
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tttgatgcta ttatcttggt tttntacaaa anttttaagt gaagttactt ctgggtgttc 120
tggagtttca ggttgatttt gaattaagtt agttagttgc tcttctaaat atttcacttt 180
ttgttgaagt agaatttttt nttctaggag gctttcaagt tttgagttga gttcaagnga 240
c 241

<210> 3213
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T73739

<220>
<221> unsure
<222> (1)..(332)
<223> n = a or c or g or t

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agagtgggga ggccttttat taaacattcc cgggagcttc atggctgggg antgcagctc 60
atttggaagg cactgggttt tgcgccaag tggacttttt ccaggaggtg ccactggagg 120
gaaaagggtc gcttgggcca gggaggctgc ctggttctgc ctcccgggnt ggntcattgg 180
ctttcctntc cccaggcctg gaggacctg caggntcttt ttntcctna tccctcagg 240
tgggcatggg acangtttt gccantgcca gctttttgcc antggnaggt tcacanctn 300
ttnttggggc attgntgcag ggccgcctc ag 332

<210> 3214
<211> 314
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T74542

<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t

<400> 3214
ggctgatggn gccgagcttt attggagcaa agagtntgga cactntttac aacaaaactg 60
tttccgggaa aacttggatt tcccaagacc cgaagactcc tccaagttct cactgttagt 120
aaggtcaatt tgggggcaga acaggaacat gccttagctg ctntcaggaa atagaagagc 180
aganagagtt gggcatggag gctccagctc aganttggga agatggagaa gagccntccc 240
aantccagag tgantaggtt tcatagcacc cntntcctct ntttnaagga agcaggcccc 300
taaagggaaa caca 314

<210> 3215
<211> 532
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T74608

<220>
<221> unsure
<222> (1)..(532)
<223> n = a or c or g or t

<400> 3215
taagccccaa acgattggtc tccccacaaa cacagccttg gnacaagagc agagctttca 60
gaacatcagt gcctttccgc acacccccgt ccaggaagac ttccaccttc ccttccacag 120
cctccacaat ttctggcaga acatcaatag tggtggcac cccatcgagt tgtcgagccc 180
catgattcga caccaagatc ccattcaagc catgtttaac agcctccctg ggcacatca 240
cctctcaaaa tgccctttgc aacaattggc aatgatgtca gtcttctcag ccatttgata 300
tcttcccagc tgataggatg ggggtctattt gctttaggcc acatatgcag gcaagtccac 360
ttgtcgtctt ccaaaatttt tcctcagggg ggaatgga taaagtactg ggttttcaaa 420
aatttttttc atcctggagg ttgtggggcg ggcagttttg gaatctgttt acgggacatc 480
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<210> 3216
<211> 174
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T74884

<220>
<221> unsure
<222> (1)..(174)
<223> n = a or c or g or t

<400> 3216
tttgagnnnt atctctctag tgtcacccag gctgggggtgc acgtggcatg atcttggtc 60

actgcaacct ccacctccca ggttcaagtg attctcctgc ctcagcctcc caagcttgac 120
 cacctttgac acctccctga agagtatgga gtgaagggat ccagggccac agt 174

<210> 3217
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T77729

<220>
 <221> unsure
 <222> (1)..(289)
 <223> n = a or c or g or t

<400> 3217
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 ctcccccttc cccaggagat aggaccccta aacctcccct gggtcctagg acacctgacc 120
 caccantnt agtctccant gaggagggga cccttatttg gcaagagatg aacatttaag 180
 cagctttccg ccggagaaaag gacgatggct gaaaggantg aaccaccgca gcngttttct 240
 ctctnttcca gntttggaca ggacctccac ggccccggct tcctggctc 289

<210> 3218
 <211> 487
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T77733

<220>
 <221> unsure
 <222> (1)..(487)
 <223> n = a or c or g or t

<400> 3218
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 ccaacagaga gtccatgtat atgagaaaga gatgcgtgag gtccctgata tgtgctctga 120
 ggggggtggc agtcaggcag ggnttgggca accagtaagt cagatgaggg tccctntcct 180
 ggggggntca ctgctcctgg gtgccccagg agattntagt ctggccntnt ggcgcantgg 240
 tactcatcga tgagctgctg cacaatctcc ctgggatntn tccatctcat caaagtntc 300
 cttgaacatg tctccttgc ggaactgctc cagggaaggc cntcccgnnt acgcagcttt 360
 gtcatactgg cgacagggtt tttcgaagac cgaagganaa tgctgggttg gggtggccat 420
 catgagcccc ttgaccccg nggcccagg caggtaggga agacttcctc ganagggcca 480
 cctggga 487

<210> 3219
 <211> 535
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T78433

<220>
 <221> unsure
 <222> (1)..(535)
 <223> n = a or c or g or t

<400> 3219

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ttaaaggaga aaatgaaatt tgtggcattt ttatttttaaa taattagtct tacttttgctt 60
ttttaaatga gctcttcatg cagcacatgt agaattcagt tcttatattc accatgcagc 120
tttttcttcc catgaggaac gtggctcagt gaaaatggng acttgatatt taaccgatcc 180
ctttcagcct cctcttcttc atcgtatctc tcacctctca cttcatcttc cacatcactg 240
ctctgaggac tggaggcctg agaccctgaa ggagaagggtg gnactgagga aggcctgggg 300
atattttaa atccttctgtcg ttggntgggt gatgttagtt ccacatggga atttatctgg 360
gaaaagctct gcttaaattgt cagggngtct gggcatgctg ggtaatatct gcctaaggta 420
tctccaatcc agaagatctg agagcctctc agttctgttc cncctggataa tcctttgggc 480
ggcgtgactg tttgcaaaat ccatagggga acttaggtca gctgattgca agaatt 535

```

<210> 3220

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T78889

<220>

<221> unsure

<222> (1) .. (420)

<223> n = a or c or g or t

<400> 3220

```

ttctcctttt ccngttccca agacatgtgc agctcatcat ctggccattt tctccctgac 60
gggtcccactt ctctccaatc ttgtagttca caccattgtc atggcaccat ctagatgaat 120
cacatctgaa atgaccactt ccaaagccta agcactggca caacagttta aagcctgatt 180
cagacattcg ttcccactca tctccaacgg cataatggga aactgtgtag gggtaaaagc 240
acgagtcacg cgtagggttg gttcaagcct tcggtgacag agttgcccac gggtaacaac 300
ctntttcccg aaccttatgc ctctgctggg tcttttcagg tgccctcact tatggatgtt 360
gtagggtggg gcacctctgg gtnagggggc ctgtcagagg tggggcactg ggtaggaagg 420

```

<210> 3221

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T78922

<220>

<221> unsure

<222> (1) .. (273)

<223> n = a or c or g or t

<400> 3221

```

gattccacaa ggatttattg gcaccggacc tagcctggnn ccgccccttc aaggaaagac 60
actaacaagg aggagtgccg gcaccgcaag agccctccca gaagcgccca gactgggggt 120
cggggaggac gctgccattc gtggccagga agggaagggc gattccggag agngtggggc 180
acggcgagcagg gaaaggccgg ntggtnngnt nggcagggag gcggggtacc ngccccttaa 240
gaaagggggaa ctcgcagacn tagtagagac gcc 273

```

<210> 3222

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T79477

<220>
 <221> unsure
 <222> (1)..(389)
 <223> n = a or c or g or t

<400> 3222
 tttttacagt aagaaaagaa ctttattgtt tattaaatgt ttctgtgtaa aaccttaagc 60
 ttttnnnntt tttnaaagaa acaccaccaa aaggggatta gcttagtcca tcccttcctc 120
 agtcatctgc ttcccacctt cctccaaatg ttatcccaga acattctgga ggcagggaga 180
 aggggaggca gctaatacaga gtctgagagc acgatgatct cttctgggat cgcatttgtt 240
 gggccacact tgtcttgcaa gtaccagggc cgagggagnc tgggtggaatg ggggggggtt 300
 gggggacagc cgggctggga ggaaggggat gcagagggga gctgggtcac cggggccatg 360
 gcttggggga gagttcccc ctcgtggga 389

<210> 3223
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79758

<220>
 <221> unsure
 <222> (1)..(379)
 <223> n = a or c or g or t

<400> 3223
 ttgtagagac agggtttcac cgggtgttgaa caggctgggc ttgaactttt gacctctgat 60
 gattcccagc ttggcctctc aaagtgtctag gattacaggc gtgtgcacta cacctggctt 120
 cagantccta aagtgtcaac attgcccag ttaatatata catttaatgc acttctggct 180
 gtgttcccaa tgctctgaaa gggtagcaa aacctctttt cttttttcac agggaaaatg 240
 ataataattc accttctcta ggtactatct cctttaaatc atggataatg gatggtaatg 300
 tcagggtgtt gggcaggggn aacactactt ttaataaaaa atggaccctt atttgggggn 360
 taactggcan tggngggg 379

<210> 3224
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79842

<400> 3224
 ttaacatgga agaaaagcaa ttttaattgt tacaaggggtg tgcagaagga cacctctcag 60
 gcttagaaaa tcccacgtca cccgagatct atcctcaagg ctctctctgc tggccacaca 120
 gggaagtttg gtcttcagag aggttctgat gctaacaagc cacaggggtg acgaatacaa 180
 atgtcaaagg tgtaaatcaa cagaagatta aagagaaaag aggaggaaaa gggtgataac 240
 tcattggctg atgccattta aaaacaaatg gggtcagaga cttctggagt catgtggcag 300
 ggcaggatgt actcctgtag gcactgatcc gcagagtcct caaaacatgc cacgccaact 360
 tttcacctga atctcttcca ggaacaagca ctatttctat taa 403

<210> 3225
 <211> 519
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79863

<220>
 <221> unsure
 <222> (1)..(519)
 <223> n = a or c or g or t

<400> 3225
 ttctttataa tattttttatt aataaagtag aagattcaat ccaaaattac tagataaaaa 60
 gaaataggaa agtgaaccc acactcagga ggaaaggtaa ttaacaggaa ctaagcccaa 120
 aatatcacag atgtacttgt ttctttatgt gatatgatgg aaatgcactg aaaattttaa 180
 gattaaataa aatatggcag tatagtgata tgcattgacac tttaaaatgc tgtcangttg 240
 gctgggcatg gtggtgcgtg cctgtaatcc cagctaccgc ggaggccgag gcaggaggan 300
 tcgcccgaac cgggcaggcg gantttgcag ncgaccncga ggntcttccc attgcactcc 360
 agcctggggc gacagggggc agactctggc atccccggag gtcctcttng ttgttaaaca 420
 gttccttttc aattgggggc tgttctcttc ggtacaacag atttggggat ntttctttcc 480
 gggggggnca tcttttgacc ccttttgctc tgnccagttt 519

<210> 3226
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T81315

<220>
 <221> unsure
 <222> (1)..(495)
 <223> n = a or c or g or t

<400> 3226
 nttgttgaat gaatactgca agaatagaaga gcagacaagg aagctaagat ctaatgaaag 60
 agaacaacat gtgggcagta tgctcagtga cctttttata tggttcccat caggctgaga 120
 cccagctctt gggcaaacaa cagtctcagg taggcagatc tattactcga gggtaggggc 180
 tgagactcta ggggcaatgt cttgtgctgg gcgccgcgaa accctgctcc tgccttgact 240
 ggggtccatg tcttgctgct ggctgagggg tagtcaggga catgctcctt ggtagatggg 300
 gctctcttgt tgacttggtg gccccagaag tcaaacaac cctgttgtt tccctgggta 360
 acattgtcta ataaaggga ccactttata ggcaatttga aagtcttcat ccatggactt 420
 aagccagagg aatagttccc ttttcatgcc gagctatttt tgatgggatt agttgatctt 480
 ttaactctga ccaaa 495

<210> 3227
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T81393

<220>
 <221> unsure
 <222> (1)..(456)
 <223> n = a or c or g or t

<400> 3227
 tntttnttaa aaatatattat tgagcatgtg cnttnncaaa cacataattt atttgaaga 60
 cgtctacaca actgtactat ccatgcaga gtcccatcgc atacatcgcc accttagctc 120
 gcacgctgag ccagggcagt nttccctaca cgccactgga cagcctgtna atcctacgtc 180
 ccacacgagt ngatgagcga cggcagtaag ggcaccanta acacaggagg tggggacagt 240
 cactntcaca ggggtacacgg gctgatatgc gtgcgtccta gggagtntag ncctaggacc 300
 tagcttaggg aacatggggg ctccgaccca gccacggggg ggccacttgt gggggcaccc 360
 ggggggtgnaa cacctggggg gaaacacagc cttacttttt taggaggggg cagacacttg 420

ggggcagcgg ggggttgggc cacgggcagg ctttcc

456

<210> 3228

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T82254

<220>

<221> unsure

<222> (1) .. (292)

<223> n = a or c or g or t

<400> 3228

```
taagttttat tattataatt acaaattaat tcagagaaac tgaagccatt cttcatacat 60
gacaaacata catttcctct gtgtgtacag cacacaagta atatacacia atatattcca 120
tgtctgaaca aatccttttt aaaactttta aagctggctg ggcacagtgg ctcacgcccg 180
taatcccggc actttgggag gccaaaggcg gtggatcaca aggtgagaag atcgagacca 240
tcctggccaa catagtgaga cccacttca ttaaaaaaaaa aaagagntaa at 292
```

<210> 3229

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T82259

<220>

<221> unsure

<222> (1) .. (407)

<223> n = a or c or g or t

<400> 3229

```
agcatttggg canggttgag gcattcacta tcaatttact gctttcctca agcaaaaagg 60
tcaagtattc aacttaagct gcaacatcag caacacttac caattataaa ttcctgaatg 120
agggtcaaat aatggcaggc agagacattc tcagaaatcc actgaataat ctttaaaaag 180
tcagacagaa ctctgttggg atttaaatct gctctctgcc tccactacca aagaagtaca 240
aatatacatg aatcttttgc attctatacc tatttttagga attgcctaag gaatatactc 300
acttctatac tatcttcaag gatacataat gcaattctgg ggtagggtta aacgggtatt 360
ttataagggt aggtcccttt tttatacatc tttttaataa atctcct 407
```

<210> 3230

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T82323

<400> 3230

```
tttttttttt ttacacagca aatcccaagc cttcccagtc tcacaccttt ccaccattc 60
ataaaaaaac acacgaattt ctgcgaagtt ccaatatcac tgtctcttta tcacttaaat 120
aggggccagtt ggacacctca ttgaaacaaa aaggctgac tagatgaagt actctttctt 180
ttcttcggag ttgttctgtc ctcttctgtc attgattata gctgtgtctg cgtctgtctg 240
gtcatcggct cctttggctt catgagtga gtaggtacct ttatgtctgg caaa 294
```

<210> 3231

<211> 394

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T83356

<220>
<221> unsure
<222> (1)..(394)
<223> n = a or c or g or t

<400> 3231
tttaaattca gtagctttat ttttaaattt caattagggt cccttggatg aacaagaaac 60
aaagtgtgac attttatgtg gnatctgaaa accaccctta gnatggcttt acatcggatg 120
catcagtttt ccaaaaagcc agagaactgt gttcccttga agcatttggg gacttcgata 180
gtgccatcta tacactgagc atcctctgta tagctacact tcttttcctt atttttgcag 240
aaggaaagaa actttatcac ccatgtaggc attcccattc cttaaatttt tccctggaat 300
cctttactct ctctccttgg ggacaccaca gtgggctttt ttcacagggg acctttacca 360
aggatgcctt taccaanctt gggcctntggg cagg 394

<210> 3232
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T83397

<220>
<221> unsure
<222> (1)..(441)
<223> n = a or c or g or t

<400> 3232
ctgcctgggt gtgctcccag gcacgcacaa gggctccctg aagccccacg attaccccaa 60
gtnggagggg ggagttaaca aaatgttcca cgggatccag gactacgagg aaaacaaggc 120
ccgggtgcac ctggtgatgg agaaggcgga cactgttttc ttccatcctt tgnctcatcc 180
acggatctgg tcagaataaa acccagggat tccggaaggc aatttcctgc catttcgcca 240
gtgccgattg ccactacatt gacgtgaagg gcaccagttc aaggaaaaca ttcgagaagg 300
gaagttgtta gggaataggc acataaaaatt ctttgggagg ctgnaaanta ggcgtngaan 360
tttgaagggt tattttggga tgttttcgga gcttcgattt gttgnaaagg gaggaagaa 420
ccattttttg gaattaggcc t 441

<210> 3233
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T84084

<220>
<221> unsure
<222> (1)..(438)
<223> n = a or c or g or t

<400> 3233
tatttttcca tttctttaat cttagcaaac tttttattat tattattatc aagaggagag 60
tntgagaaag atgtgatggc aacccttaag gtcattttaa aactttacac tggactgtac 120
aagatttttt tttgataaac tatttacatt ttcagacttt caaacatatt caaagcagca 180
atagacacta gtttttatgt ttttttcttt ttttctaatt gcccaaatag ttaccagcca 240


```
tgggccaaagt aggtacctgc attatacata gaattttctac aaagnaaatc tgcagttaaa 300
atttgctcca ggggtgtatt aaatgccctt agcaattcaa gggccacacc cagtgttgct 360
ataggggacc aaagcacagg tacccttgac aacagagggt gccaggttgt cccaaccag 420
cccnttccac aaaccttt                                     438
```

```
<210> 3234
<211> 389
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. T84491
```

```
<220>
<221> unsure
<222> (1)..(389)
<223> n = a or c or g or t
```

```
<400> 3234
acagggacat gntaggaaac gatgaacct actgggcatg aagatgtcta gggaaaaaac 60
aaggaagagt aaaaagttac acagaatcta tgcagcggca acaaaatcac ttttaagggt 120
gcaggagaaa aactaatgca aatcttaggt cattagggag tctccgagcc attcacataa 180
tttgcatttc ttacactcct tatccacagc acaatgaaac cccaagagaa tccatctgga 240
gagagcgaag ggggatggat tccgggtgtt ttggggtnag ggacaggggg agaaggccn 300
gtttcaacaa atgtgacata cggggaaagt cagacgactt taactntaaa cttngataat 360
ggnagttaca aacccaaata atcaggcag                                     389
```

```
<210> 3235
<211> 408
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. T85532
```

```
<220>
<221> unsure
<222> (1)..(408)
<223> n = a or c or g or t
```

```
<400> 3235
atcgcttgag gccacgagtt caagatgagg ttggcaacat agtaagacct catcactaca 60
attttttttt ttttaaatta gtgaagtgtg gtactgcaca cccgaagtcc cagctacttg 120
ggaggctgag gcaggaggat tgcttaagcc cagaaatttg aggctgcagt gagccatgat 180
tgcaccacta tgctccagag tctaggcaac agagtgcagc cttatctctt taaaacaaac 240
aagaatgaag ttaggtatct gtttatttgt ttgagccatt tgtatttcct tttttgtagg 300
actgtcctgt ttnaaacggt aaaatcactg ctgtnggttt tngattttta catctcagct 360
gggatgggca ccaattaaat tatttnaggc cctgggtttat tgnaaaat                                     408
```

```
<210> 3236
<211> 416
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. T86464
```

```
<220>
<221> unsure
<222> (1)..(416)
<223> n = a or c or g or t
```

<400> 3236
 ttgagacgga nncnctttctg ttaccacaggc tggagtgcag tgccacangt ctcggtgtgt 60
 gccatcatgc ccagccaatt tttgtatttt tagtacagat ggggtttcgc catgttggca 120
 ggccgatctg aactcctgaa ctcaggtgat ctgcccgcct cagcctccca aagtactggg 180
 attacagacg tgagccactg cgcctggctg attctccaga aatcttttgg catcatcatt 240
 aataaaagca tcaagaagtc aaaaaggaaa tcaagtgatc ctcccgcctc agcctcccaa 300
 gtagctgggg ctacaggggtg tgcaccacca caccgcactt aatttttctaa ggtctatttt 360
 gaacaagagg gaagacttga ataaaggttg tctctaataa atttcaagga catttt 416

<210> 3237
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T86482

<220>
 <221> unsure
 <222> (1) .. (405)
 <223> n = a or c or g or t

<400> 3237
 ngggaagtgt ggtctggtn c tgtcttggag aaaactacaa taagagcgat aattgtgagg 60
 atacaccaga ggcagggtat tttgctgtan agtgggtgaag aaatcagctt ctgacctcac 120
 ctgggacaat ctgaaaggca agaagtcttg ccatacgnaa ttnggcagac accagctggc 180
 tggaacatcc ccatgggcca tgcctacaa taagatcaac cactgcagat ttgatgaatt 240
 tttcagtga ggttgtgccc ctgggtctaa gaaagactcc cagtctcttg taagctgtgt 300
 atggggctca ggccttaaac ctcttgttga accccaacan ccaaagaggg gatactatgg 360
 gctacacagg cgctttcagg tgtctnggtt gagaagggng atttn 405

<210> 3238
 <211> 499
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T86978

<220>
 <221> unsure
 <222> (1) .. (499)
 <223> n = a or c or g or t

<400> 3238
 ttaagtgatt aaaggcaatt ttattacagc agcatgtacn ttattctatt ctaaaagaat 60
 aaaattcata aacagaaaca gcttttatat ttgtttgcaa tctgcaaaat tgagttatatt 120
 tgctgatata aaatactaag aactcacttg aggaccatgc caccttctga aaaggccaca 180
 caccttcttc ttaaatgtgt taaagttaca gcgtgtccca gactcatcca gagcaaaata 240
 agtaagcaac tgactgctct tgactgtccc ttcccagca ctagcactga ttgtgctggg 300
 acaagccaca gagcaaggct gcacagcant atgggaggag gctttttatt taaaggcaaa 360
 attcccaana taggctcttt ggggtgtagg ngatttcttn ctttcacaac ttcaggcttg 420
 gtatattaat tncctttcct cctttaaccg gggcttgatt tgggggttgn cttgttgggn 480
 catgggnatc ccnttaggt 499

<210> 3239
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. T87174

<220>

<221> unsure

<222> (1)..(338)

<223> n = a or c or g or t

<400> 3239

```
ggtgaattat tgatttattg cacatcagga gaaacacaag attactgcta taataaattc 60
actcttacat gcttttagaaa aatcagtaaa aatagaaaac atggtaacan ttaaagtga 120
aaanttgggg tcattaaaga atgtctgact gattagcttg cagtttttga gacggctgag 180
aactaccatc aatgagatca ccttaaacia acactcttaa tgacttgga aaagtcccn 240
tcccaaagtc aactntaggg nattcaatat tgtgatattt aactggaatt taaggttatg 300
gtttaaaccc cattttattg aggtaggngg gagggatt 338
```

<210> 3240

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T87224

<220>

<221> unsure

<222> (1)..(498)

<223> n = a or c or g or t

<400> 3240

```
tttttgcaag taatttctac tgaaatattt atttctgaga aacaactcaa ataatttaat 60
ttcaattaag aaattaaatc aactcaaaat aggaataaga caaactcatt atgcttgctt 120
cagatttctt ctacgtggcc aaaaatgctg gggctctcaa ttgtagaagn natcttgat 180
ggcttgcatg gacaatggca gataaagctg atcgggggat ctggccagat ctggtttttg 240
gtagctgttt gacaaacact gcatttcgaa aagcagccac agggccaatg ttctgtctaa 300
cgtgtttcac aatttcttcc aaaacttgct cctctgttgc atttatatct tttctcaata 360
cacagagtgc taagggggac atggaccttt taggggatct ttccttgccc aaccaacagg 420
cacaggtctg ccacgggtac cctgggggaa aggnnttga ctcttcaatg gggcgccctg 480
caggaaattc tgtggacc 498
```

<210> 3241

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T88814

<220>

<221> unsure

<222> (1)..(469)

<223> n = a or c or g or t

<400> 3241

```
actatttgct gggacaggct aggcactgat tctgtgtggt ctgagaaaca taaatggtac 60
catagggagg tgtttcctcc taagtggcag gaggatgttt gctgggagtt aagtgaacca 120
attcctcctc tgcttacacc acgtgggggt aggtccagaa ctgaggcctt gggaacatat 180
gctgtgtctc ctctacagc cgctgtgtgg aagaaccaat agcagttgtt aaatagctgt 240
gggaatttcc ctcccacaat ccacatagtg gatgtgtctc ccaagggagc tctggggtca 300
tgagggccaa tgtatggaaa tctttcactt gaagttccgc atgaaggatc actatggttg 360
tncaccaggg gntctcaggg taccntgca gnaaggaggt acacatangg ggaaacgggt 420
```

cntcccatnt cgggcctttc cccggtaaan ttcacccact ggtgnttca

469

<210> 3242

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89601

<220>

<221> unsure

<222> (1) .. (408)

<223> n = a or c or g or t

<400> 3242

```
gcaacattta ttgaaactta tattagtcaa gcaacttaat gctaggctaa gctgcagtga 60
gtaataatcc ctaacctcag tgacagtgcg gaaaaagaag ggtttcatat ctggagtggtg 120
atgcagggtca atgggagttt cttcacctg gtgactcagg tatccaggca cattcatttc 180
tgcagggtctg ctttcttgac atgaggtcac tgcagaagga gagagggnt agagtcatgc 240
cagttcttag ggtgctccct gacaaggaga tcctgcagca ctctgcttca cattcctgtt 300
tttcagaac tcagcccagt acccccacca naacttccca aagagtcttg gggaagcata 360
ggaggagggt caccagatag gcctnggaga tcccctcatc actttttg 408
```

<210> 3243

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89703

<220>

<221> unsure

<222> (1) .. (494)

<223> n = a or c or g or t

<400> 3243

```
gtagaaaaca aaaatggaac atttattngc aactcaaata ctacgcatat acagtaagaa 60
nttaaataata aacacagcaa gttccacccc agtcctatth gtccaaggct gcatgggtcaa 120
atggaatctt gaagagaaca cctggnaaac agagcanctn tcagcgacgt ctccgggtctg 180
gacttctgct gcgctcttcg ccacctctcc ncttgccctt tgggtggaccc cgaacaaaac 240
accagtcaac ggtgatgggc tgtcccatca aatcctgggc cattgagtcc ctccatagca 300
gcctggggct tccttgatg tttcatattc agctaggagt ataccctgt cagatatcct 360
gttcgcctgt cgagggttgat gatgaatgtt tttaatttcc ccatattctg cgggaatttgt 420
cgtgtatgtn ttctgcgna ggcttcctca tggacttcca gttacaaaga gantccagnc 480
ttcagcagag cggtt 494
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<210> 3244

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89731

<220>

<221> unsure

<222> (1) .. (331)

<223> n = a or c or g or t

<400> 3244
 attttttgta gagacagggg ctngccatgt caccacgct ggtctcaaac tcacgggctc 60
 aagcaatcct cccatctttg gcccccaaa gtactgagac cacaacatg agccatcttg 120
 cccagcccct agaacgtgtt atcaaataaa caccgatgca accctcactc agccgagaag 180
 taaaacattg ccagccaatc cctaaatgct tctgcttgcc gcttcccaat cctaaccaat 240
 gccttctcct gacaattatg atgggtcatg tctttgcatt tctctaattg tccccatcac 300
 ggatcaaact aggttttgtt ttgcctcgtg c 331

<210> 3245

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90037

<220>

<221> unsure

<222> (1) .. (289)

<223> n = a or c or g or t

<400> 3245
 aaggngttgn gattgcttta aagaaagctt tatttactac atacatccta agaattgtact 60
 gtaaatggag caagatctaa ataaaagctt ttcaaataa aagcagctaa agttaactaa 120
 accactagca atgtttgaaa acagaactct aaaacttttt ttttacattt atatagtttg 180
 ttcttaacac taaaaaaaaa aaaagttcac atttcaagtt ataaacttac cctcaggtag 240
 gtgtaccatg gaaatgggtt ttggaaacca taggggncca ggtagggccc 289

<210> 3246

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90190

<220>

<221> unsure

<222> (1) .. (391)

<223> n = a or c or g or t

<400> 3246
 tantnntcca gctcttttat tgagatcagt ggtggctctg aaaagcgtnt ttngggtttt 60
 agaagtaggc gttcgctaatt ttcttcttgg gcgcgcgttc ttaggcttga caaccttggg 120
 cttagcggcc ttggnntcac agccttagca gcacttttgg cagctttctt gggcttcgca 180
 accttggcct tctttgggct cttagcactt tcttggttac agtggccgcg gcggtntct 240
 tcgctttctt cgngtthtct ttagcgctct tcttcggagt tgcgcgcgca gccgccttc 300
 ttgggcttct tggctncccc aactggcttc ttaggtttgg gtccgcccgc cttttnaacc 360
 ntggggcttg gncttccccg gagcttgctt t 391

<210> 3247

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90492

<220>

<221> unsure

<222> (1) .. (465)

<223> n = a or c or g or t

<400> 3247

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ttttaaagggn nnnaatgtga ctatttttaat tatttttggtg gcagggagtt ggttttacat 60
cacccaaaaa aaaaaaaaaa gccctggttt caaattcatt ggtaataaat atgctaactt 120
tctgaatcaa aatggagagc ctctcaagaa aaagagctat gcagtcagca atgacttaaa 180
ttagtcagga tagcaggcat ctgggggttaa ggctgtttcc accattttgg tctcaccacc 240
atatacgngt gggaccacag ctgtgtagca cttgtttcng tcataagtnt agcaggtctc 300
tgtagcactg tcttcatcac agatattgct ctggggtagc agtaactatc tgattatccc 360
agctccactt ctgtagggnc acatttttta cagaggtcag acaaatgggt acacaaatct 420
ggttcccca tgggtnaggt nggggtccaga gntattctcc ccggt 465
```

<210> 3248

<211> 159

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90520

<400> 3248

```
ttttttttcc attagaagct gaagttttat tataggataa cagtacataa agcacatcta 60
aaattgatgt gttcaatgca cttttaataa aggtaatgta atattaaagg tacagtttct 120
aagtacaata taacaacatt catattagaa tgaaaattg 159
```

<210> 3249

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90531

<220>

<221> unsure

<222> (1) .. (450)

<223> n = a or c or g or t

<400> 3249

```
atttttcaat aatttagttt ttcttttgtg ctcttttttt tttagtagaa gcaggaacag 60
ttgtcaatac taccttctgt tgggtcccctg ttagacaaca tacctttctt tgaaatgtaa 120
aatgtcaaat atataatgac acaacttttag aaaaaacaaa ctttgacaac accaacaaca 180
aaaaatccca aaataaacca gagatttcat gccatataaa taaagtcaga gcaaactctg 240
tgcccagggg ctggtggccc cagttccagg gggcgggtga tgtccagagc tgggtgtggg 300
ctctcggggg atcctctggg taacagggcg tgatgggagg ccccgctctt cctttcccca 360
cagaggccaa ggtcttttcc caagggtccc caaggcaggn ttaggtacag gggttagggg 420
gtgaaccccg ggaggcttaa ggttgaggga 450
```

<210> 3250

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90841

<220>

<221> unsure

<222> (1) .. (268)

<223> n = a or c or g or t

<400> 3250
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 ccctccactc cccagctcca ccttccacct gcccttacct gccaggggtc tccccccact 120
 ggaagcccg cctccagggt ccccccaagg acctcatagg gagccagggg ggcaggggcg 180
 ggggaagtgt cccatagtct acgagccatc ccagccact agctgggagc agggccctgt 240
 ccagctccag ccccagggtc gccaggga 268

<210> 3251
 <211> 252
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T91116

<220>
 <221> unsure
 <222> (1)..(252)
 <223> n = a or c or g or t

<400> 3251
 ttnttttttt caccaattac aaaaagggtt tatttatatt tgccaaatgt taatcgcttt 60
 cattatgtct ccaaacatta ttccaccact cttttttata acaagtgcag tgaagatatg 120
 cttatcgaat attgtacaat actgttgtgt tctgtaacac tctttcggga acagcttaga 180
 tgtaggtaac aagagatgcc ngcgtatgaa agngcttcat aaactgtact gtataaatgt 240
 aaactactac cc 252

<210> 3252
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T91161

<220>
 <221> unsure
 <222> (1)..(271)
 <223> n = a or c or g or t

<400> 3252
 ttctgacaag aaggctttat aatttccatt tattgtagaa taatatagta ctatcaacat 60
 agaaatcatg tgtataccat ttaaaatcat aatttaaagt attttcattt tagcaattgt 120
 ggctgctggg atattataaa cctgcttaaa tattgataca tagngtttaa aataatatta 180
 taattatgca nttttgggga aataaacatt caataccnt aataggtgca tacaattggg 240
 agggctgcna ttaataatgg tttccacnac c 271

<210> 3253
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T91348

<220>
 <221> unsure
 <222> (1)..(423)
 <223> n = a or c or g or t

<400> 3253

<220>
 <221> unsure
 <222> (1)..(365)
 <223> n = a or c or g or t

<400> 3259
 ttgcaaataa cagtgtttat tgatgatgag tccaggtggt agaggctaca gtgagctgtg 60
 atcatgccac tgcattccag cctgagtgac agagccagac cctgtctcaa aaacaaacaa 120
 acaaacacaaa aaaagntcac tcaggaggca ctagagggcc actgaagagt gccggagagg 180
 antcagatta ccaggttaga gctgctgctg actccaggca ggagtnttac atgaaagtga 240
 ctgaaccaag gcagttntcc tgagcacggg agagtgggaag caggctgaaa catcactgct 300
 taggtntgaa atctntaaaa cctttgggct aatatgtagg attgaggagg ggaaggggtgc 360
 ccaac 365

<210> 3260
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T95515

<220>
 <221> unsure
 <222> (1)..(454)
 <223> n = a or c or g or t

<400> 3260
 agaacttttg agtaaaaatn gtctctgttt ccaagacgtg tgagatgtct gaactctgag 60
 atgggtgtttc atctccaccc gatttcacca aaggggtgtc aatatcttta aagaactgat 120
 cttcagtagg aattgggtgag gtggcaagggt aagcaggaag cttttcatat tcttcttcag 180
 tctcctcaac aaagaaagct tctccgttat caccacactt catgtgaaga tccactgcac 240
 tgccgttgat ttctatatca atcactttct ctttgggatc tcagggactc ccagctttcc 300
 caaacccgaa cgtggaaaag ggtgaacact ggatagcctg cccatcctgc tgctgtaccc 360
 acggatggac atcaaagtca cccagagagg ggtggcctgg ggttaatgcc cttgtaggag 420
 ttccttcaca gtgacaatca ccttgcccag ccan 454

<210> 3261
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T95813

<220>
 <221> unsure
 <222> (1)..(248)
 <223> n = a or c or g or t

<400> 3261
 antttcggca cngaaccctt gcggtgcacg nctccctgga caagttcctg gcttctgtga 60
 gcaccgtgct gacctcccta cccctccttc taactttatt gctgtattct cttcactcta 120
 tatttctctc tatttgctaa tattgcattg ctgtttacaat aaaaattcaa taaagattta 180
 gtgggttaagt gcaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaanaaaana aaaaaaa 257

<210> 3262
 <211> 169
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T96060

<220>

<221> unsure

<222> (1)..(169)

<223> n = a or c or g or t

<400> 3262

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ttcacaaagg tttattgggt ccctgcctgg tgctggtttg ggtagtcac tgtagaggat 60
ccatctgggc cagcctggga ggggcaggtc tggagtccna ggcagacacg aaaccggggg 120
tgacaccagg ggctttggag gctgccatgc tgaggacagc tctgggagg 169
```

<210> 3263

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T96969

<220>

<221> unsure

<222> (1)..(396)

<223> n = a or c or g or t

<400> 3263

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taggtgagtt tattaggact taacatacag ggcattccta ggtggtagca ggacaactct 60
ggaaatttgc cccacacacc cccttaccoc acccatcttc aagctgcttt taagctaatt 120
ttctggcttt tcttctctgt gtgtgatgag tgtttttctt ggtatgtccc cagggtactct 180
cccaaagtgt tgtgttctca gggaacacag cacatgggtg tccttggctg agcaccatga 240
ccttgggtca ccaccagtc ttcagggctc aagcagtgga catacaccct taagtaacct 300
gggtngagaa ccgctgcgat tacacttggg gttacagact ccagtgtctg ttaccatctt 360
cacatggctt tcttctctgt gattctcctn ttctct 396
```

<210> 3264

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T97234

<220>

<221> unsure

<222> (1)..(325)

<223> n = a or c or g or t

<400> 3264

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tggtggccag ggtgggtcttt atcttctgac ctcgatgatct gccgcctca gcctcccaag 60
gtgctgggat tacaggcgtg cacctgcacc cagccttggt atttattttc tagattttgc 120
tagtgtctag gaatagtcct gattgttccc ttcacatggc tcattgatcg gcagtcagct 180
cctgggaatt ccttaaaact gcgtcacttc cactctcgga tcctcttgct ttgggttctc 240
tggggggtctt ttctctcatt tttctcatcc tgggggatggg tgtcaaacag agggcttggt 300
cctgggggttt cagggaagga gggan 325
```

<210> 3265

<211> 242

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T97679

<220>

<221> unsure

<222> (1)..(242)

<223> n = a or c or g or t

<400> 3265

```
tatggttatt caatatattc atttatttga caattattta ttcatttgac aattattcaa 60
tgtttactgc ataagcaaaa aactgaataa gacgggtttc tgcttttata aaacttacag 120
ttaagtagaa gggacactgc ataagaagta acatgggaga aggctcaagt gttgacaact 180
gtgatgaaga gagatggagg ncnngaagga aattcaactg tggccgagag gcaactaaaa 240
gg                                                    242
```

<210> 3266

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T98199

<220>

<221> unsure

<222> (1)..(414)

<223> n = a or c or g or t

<400> 3266

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ttttttnttt ttttttttaa gctaagacct ttattaaaat tttgtcctct ggccagtcgt 60
ggnggctcan gcnataatcc caacactttg ggagggcaag gtggaaggat tgcttgancc 120
caggnattca agaccagcct gggaaacaaa gggtagacct tgggnataaa aaattagcta 180
ggcgtggttg cacacctggt cggctctcagc tactcaggag gctgaggtgg gaggatcact 240
tgagcccagg gaggttgagg ctgcagtagc tcacgcacac acccctacca gggaattatc 300
agtctttntt tgggatttcc acancttcga aagattttcc ccaactgttt tntcagtgtc 360
ccacagtncc ctaggatctt ngacctcaa attnaaggnt ttaaccaant gcccc 414
```

<210> 3267

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T98284

<220>

<221> unsure

<222> (1)..(471)

<223> n = a or c or g or t

<400> 3267

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tccaggngga taaaggactg tgtggggaaa gtaccaaata aatgaggtaa aaaggaaggg 60
tcatacaaag agggcactac accagcttct tggcctcaaa gaagctcttg aggtgacgca 120
tctgccagat gccagtgagg atgaggatga cagtctgagc aatggaccac cataggaccc 180
tctggttggt gctctcgctc gtcagtcgga agcgtctctc acgatacctt tgggtaatcc 240
tgctccttct gaatctgttc cacctgatca agcaactggg cggngcgagg actgttagct 300
ccnccagct ttatcttttg caggcaatct caggggtagg ttnttgggca tgctcccaa 360
cctggggatn tcgagattgc acacgcagtt ttnccacca gcgaggagag ccatnctggg 420
tagnatttgg agtnccagaca gnttttnatg ggtcaccggg ctttttgggg a 471
```

<210> 3268
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T98676

<400> 3268
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 agaaatggaa ttgattagac tcgaccgtag gaatggatca aactatgtac tcttcttggt 120
 ccaagtttcc tccaaaagta gtagttattt tgtttttctt catccttgta cagatacatt 180
 tagtagagct taccacatag ccttccccta acaaattccc aaagacgtcc cacagccccc 240
 ttatggtaat gaggggccaa tcaatgatca attaggccat gctaggt 287

<210> 3269
 <211> 520
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T99312

<220>
 <221> unsure
 <222> (1) .. (520)
 <223> n = a or c or g or t

<400> 3269
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 aaagtcattt taaaaacaac caggnttgct agaaaagtgt tttttcttgg aatcatggat 120
 ttctacacca ttataacctg gngtccttta tattaaatat attatttacg caggcactag 180
 gcaaaaattga agaagttttg agttatctcc tccataaccc ccaccttccc acattcccac 240
 aaaaaaatcc caccctttcc ctattatatg ggggntatta acattaaaaa caanggggga 300
 aatacacagg ggcatttcaa tttggaatca cttttcccct attttttaca tgtctgggga 360
 ggagttgggg cttggggnta tgggnatttc caaagggttc ctccccaggg gggttccttg 420
 atggatggga ttcaaggggg ggnaatcctt tccaatggct atccctcttt ccccagggna 480
 atttccctgg anggtcctta ggggtttccg tggacagggg 520

<210> 3270
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T99636

<220>
 <221> unsure
 <222> (1) .. (379)
 <223> n = a or c or g or t

<400> 3270
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 tgcacagtgt cctcgccctg gactgccacg gggactcggg aggctggaga gcatcagggt 120
 tcgtcacgaa caccatgagg tcaaagggca ttcctggttt gaagtacttg ggtgtcttgg 180
 tgaagtggat ctggtaggga gaggtcacga tggggatccc gctgcgctct gcctgcacca 240
 tgtcactgcc tgagtgaag atgacgggtg cagacacgta caaagacttc cccaccaggg 300
 cttcttctcg ggggttctnc anccntcca ncagtacctt tcggctcagc acaaccttcc 360
 ccgagccatn ctnaatcgg 379

<210> 3271
 <211> 3536
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. U00115

<400> 3271
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 gaaatatgcc ggccagtga aaaatcttat ggctttgagg gcttttggtt ggccaggggc 120
 agtaaaaatc tcggagagct gacaccaagt cctccccctgc cacgtagcag tggtaaagtc 180
 cgaagctcaa attccgagaa ttgagctctg ttgattctta gaactggggt tcttagaagt 240
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 gtgaagcaag gcattggtga agacaaaatg gcctcgcccg ctgacagctg tatccagttc 360
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 gcctgcagtg gcctgttcta tagcatcttt acagaccagt tgaaatgcaa ccttagtggtg 540
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 acatctcggc tcaatttgcg ggagggaac atcatggctg tgatggccac ggctatgtac 660
 ctgcagatgg agcatgttgt ggacacttgc cggaagttaa ttaaggccag tgaagcagag 720
 atggtttctg ccatcaagcc tcctcgtgaa gaggttcctca acagccggat gctgatgcc 780
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 cacactcgaa ttcactctgg agagaagccc tacaatgcg aaacctgcgg agccagattt 2160
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 aatgttcac ccatgatgta gtgcctcttt catccactag tgcaaatcat agctgggggt 2580
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 aattttttta accaaagggt aaggaatata tggcagagtt gtaaataat aaatatatat 2940
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<213> Homo sapiens

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<223> Genbank Accession No. U03056

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 1348

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U04313

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U05861

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$\langle 211 \rangle$ 2123

<213> Home

$\langle 220 \rangle$

<223> Genbank Accession No. U06641

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<211> 1987

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U06863

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U07969

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<212> DNA

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<223> Genbank Accession No. U08198

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<213> Homo sapiens

<220>

<223> Genbank Accession No. U08854

<400> 3292

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U09564

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U13061

<400> 3301

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<213> Homo sapiens

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<211> 485

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U14970

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 268

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U14973

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U15932

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U16306

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<223> Genbank Accession No. U16660

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. U18018

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<213> Homo sapiens

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<223> Genbank Accession No. U19495

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<223> Genbank Accession No. U22662

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<223> Genbank Accession No. U24704

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U26726

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U27699

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<213> Homo sapiens

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